



**Lower Passaic River Study Area**

**DISCHARGE PRP CASES  
FOR THE  
LOWER PASSAIC RIVER STUDY AREA**

VOLUME 2 OF 2

PRP EXTRACTION FORM AND EVIDENCE CONCERNING:

Kleer Kast Division of PMC, Inc.

PREPARED FOR:

LOWER PASSAIC RIVER STUDY AREA  
COOPERATING PARTIES GROUP

SUBMITTED TO:  
USEPA REGION II

December 7, 2007

**LOWER PASSAIC RIVER STUDY AREA**

**DISCHARGE PRP CASES**

**FOR THE**

**LOWER PASSAIC RIVER STUDY AREA**

**KLEER KAST DIVISION OF PMC, INC.**

**INDEX OF EVIDENCE**

**VOLUME 2**

<b>Tab No.</b>	<b>Year</b>	<b>Day and Month</b>	<b>Description</b>
66	1989	22-Jun	Memo of visit to Kleer Kast re: 2" Parshall Flume Calibration
67		20-Feb	NJDEP Report of phone call re: Kleer Kast - person contacted Nick Magriples USEPA
68		20-Feb	NJDEP Report of phone call re: Kleer Kast - person contacted George Radan USEPA
69	1984	18-Apr	Memo to P. Lynch from R. Lynch re: Kleer Kast permit
70	1984	30-Apr	NJDEP Discharge Surveillance Report re: Kleer Kast
71	1984	2-Jul	NJDEP Public Notice re: Notice of Issuance of Draft NJPDES Permit #NJ0031313 for Kleer Kast, Inc.
72	1984	12-Dec	Performance Audit Inspection Report for Kleer Kast and prepared by Nick Magriples
73	1985	14-Feb	NJDEP Discharge Surveillance Report re: Kleer Kast
74	1985	4-Mar	USEPA memo to P. Molinari re: results of Sampling survey conducted at Ampol Div of Kleer Kast 12/12/84
75	1985	14-Mar	Letter from Ampol/KleerKast to USEPA re: analysis of samples from waste water system
76	1985	18-Apr	USEPA memo to R. Caspe re: results of dye test conducted at Ampol Div of Kleer Kast 3/21/85
77	1985	17-Jul	NJDEP report of phone re: Kleer Kast and high TOC count
78	1985	18-Oct	NJDEP report of visit re: Kleer Kast flow meters
79	1985	1-Nov	NJDEP report of visit re: Kleer Kast & submittal of correction scheme

Tab No.	Year	Day and Month	Description
80	1987	28-Sep	NJDEP letter to Kleer Kast re: Compliance Evaluation Inspection
81	1988	28-Mar	NJDEP letter to Kleer Kast re: Compliance Evaluation Inspection
82	1988	11-May	Performance Audit Inspection Report for Kleer Kast and prepared by Nick Magriples
83	1988	13-Sep	NJDEP Discharge Surveillance Report re: Kleer Kast
84	1988	22-Nov	NPDES Compliance Inspection Report re: Kleer Kast
85	1988	30-Nov	Letter from PMC to NJDEP re: 9/13/88 inspection & 11/2/88 letter
86	1989	19-Jul	Letter from Kleer Kast to Administrator re: June-DMR TOC results NJPDES #NJ0031313
87	1989	23-Aug	NJDEP summary of key information for correspondence and notices
88	1991	17-Oct	NJDP Discharge Surveillance Report re: Kleer Kast
89	1987	15-Jan	NJDEP Issuance of Permit #NJ0031313 expiration 2/28/92
90	1989	16-Aug	Letter to Kleer Kast re: inspection and findings
91	1991	20-Aug	Letter from Kleer Kast to NJDEP re: permit renewal application
92	1991	2-Dec	NJDEP letter to Kleer Kast re: Compliance Evaluation Inspection
93	1992	31-Mar	NJDEP letter to Kleer Kast re: results of analysis of effluent grab samples
94	1993	16-Mar	NJDEP notice to Kleer Kast of Violation of Effluent Limits
95	1993	16-Jul	NJDEP Chain of Custody Record
96	1993	30-Jul	NJDEP Underground Storage Tank Site Assessment Summary
97	1993	July	Site Assessment Summary Report for Kleer Kast by Direct Environmental Inc. Volume 1
98	1993	3-Sep	NJDEP notice to Kleer Kast of Violation of Effluent Limits
99	1993	19-Sep	Letter from Kleer Kast to NJDEP re: Response to Violation of Effluent Limits
100	1993	30-Sep	NJDEP letter to J.A. Mulligan re: Kleer Kast deficiencies & requirements of remedial investigation

Tab No.	Year	Day and Month	Description
101	1993	8-Dec	NPDES Compliance Inspection Report re: Kleer Kast
102	1994	5-Jan	Letter to Kleer Kast from J. Kushwara re: Compliance Evaluation Inspection
103	1994	8-Feb	Kleer Kast letter to USEPA re: Compliance Evaluation Inspection
104	1994	21-Mar	USEPA request for information
105	1994	21-Mar	Kleer Kast letter to NJDEP re: Tomkins Brothers generator
106	1993	22-Mar	Kleer Kast letter NJDEP Metro Office re: final report regarding notification of discharge of hazardous material on 7/8/92
107	1994	12-Apr	NPDES Compliance Inspection Report re: Kleer Kast
108	1994	March	Remedial Investigation Addendum Report for Kleer Kast by Direct Environmental Inc.
109	1993-94		Handwritten notes on removal of oils and soil
110	1994	12-Apr	USEPA letter to Kleer Kast re: Follow-up Compliance Evaluation Inspection
111	1994	25-Apr	Kleer Kast letter to USEPA re: response to follow-up compliance evaluation inspection
112	1994	15-Aug	NJDEP letter to Kleer Kast re: observations on facilities inspection
113	1994	18-Aug	Kleer Kast letter to NJDEP re: response to letter of 8/15/94
114	1994	26-Oct	NJDEP Discharge Surveillance Report re: Kleer Kast
115	1994	24-Oct	NJDEP Communications Center Notification Report
116	1994	29-Nov	Memo to P. Lynch re: Kleer Kast
117	1995	17-Jan	NJDEP letter to Kleer Kast re: Compliance Evaluation Inspection
118	1995	6-Feb	Kleer Kast letter to NJDEP re: response to letter of 1/17/95 & high TSS level
119	1995	2-Mar	Letter from counsel to NJDEP re: source of oil substance
120	1989		Toxic Chemical Release Inventory
121	1992		Toxic Chemical Release Inventory



Tab No.	Year	Day and Month	Description
122	1993		Toxic Chemical Release Inventory
123	1992		Vista Environmental Information re: Kleer Kast
124	2006	29-Nov	D&B Business Information Report re: PMC Inc
125	2006	29-Nov	NJ State Business Gateway Service re: Kleer Kast, Inc.
126	2006	29-Nov	D&B Business Information Report re: PMC Inc King Finishing
127	2006	29-Nov	USEPA Envirofacts Data Warehouse re: PMC Inc Kleer Kast Division
128	2007	11-Feb	Hoovers On-Line information re: PMC Global Inc.
129	1980		New Jersey State Industrial Directory
130	1990-91		New Jersey Directory of Manufacturers
131	1994-95		New Jersey Directory of Manufacturers
132	1996		1996 Official New Jersey Manufacturers Directory
133	1999		Official New Jersey Manufacturers Directory 99
134	1975	28-Feb	PVSC National Pollutant Discharge Elimination System Permit to Discharge
135	1975		PVSC Annual Report by S.A. Lubetkin
136	1976		PVSC Annual Report by S.A. Lubetkin
137	1976		PVSC Overflow Analysis -Passaic River (Ivy Street, Kearny)
138	2007	11-Feb	New Jersey State Business Gateway Service - Business Entity Status Report re: PMC Inc.



DATE OF VISIT	6/22/89
COMPANY NAME	Kleer Kast
COMPANY REP	Ed Austin
PVSC REP	S. August
PURPOSE	2" Parshall Flume Calibration

### HISTORICAL BACKGROUND

#### STRUCTURAL:

Due to the structural design of the flume, Kleer Kast has had back-up problems with flooding caused by rags etc., clogging the device. After reconstruction, the area was designed to allow for over-flow, during periods of increased volume (see letter 1/26/87).

As reported the range of the flume was increased from 8" = 100% to 16.3" = 100% as the upper limit (see letter 7/20/88).

#### SUMMARY:

The Primary device is the flume. The measuring device is the float with a counter weight. This system operates a pulley and a pivoting arm. The height of the water has a direct relationship to the primary device.

Initially, the float had to be removed cleaned and emptied, since it had accumulated a significant amount of water. Then we calibrated the float adjustment by measuring the depth of the water minus from the height of the head. A direct linear relation exists.

#### CALCULATIONS:

16.30" - Head (")  
 9.25" - Depth (")  
 7.05 - Differential (in)

$\frac{7.05 \times 100}{16.30} = .43\% \text{ or } .2797 \text{ mgd}$

We then calibrated the secondary device. This was done by a Beekman Instrument, for DC current measurement, an Altek (mA) source, 2 wire simulator, where as 4 mA equals 0% flow, 20 mA equals 100% flow and half equaled 50%. This was checked with the primary device and it checked out.

We also checked the accuracy of the totalizer by a stop watch method and observed the counter record in gallons per minutes.

CONCLUSION:

The whole procedure took more time than I anticipated but it was ineffectual to leave before it was completed.

The system was calibrated and in good order when we finished.

S. August

SA/mc



DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Division of Water Resources  
Pollution Control Monitoring,  
Surveillance and Enforcement Element

PHONE CALL

REPORT OF:

VISIT

In ☒ Out ☐

File KleerKast/Kearny

Date 2/20

Routing TBH

Time 12:00 pm

Person Contacted Nick Magriples Phone # 321-6623

Affiliation USEPA Edison

Subject of Call information re KleerKast in Kearny  
Visit

Summary of Call Nick is the field investigator assigned  
Visit

to this industry. His report, completed today, will be forwarded to us. As Nick understands the situation, KleerKast has a sister company, Ampel KleerKast, which does not have a permit to discharge but is applying for same. Nick noted many of the same problems Joe Bogen and the writer did, namely, pooling over storm drains in bay areas, blockage of drain to which pit supposedly flows, no discernable discharge points or outfall location (did see plume but couldn't tell where from). He did not see the discharge between the buildings which are noted, however.

Patricia Cane

Signature

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Division of Water Resources  
Pollution Control Monitoring,  
Surveillance and Enforcement Element

PHONE CALL

REPORT OF:

VISIT

In \_\_\_\_\_ Out \_\_\_\_\_

File page 2

Date \_\_\_\_\_

Routing \_\_\_\_\_

Time \_\_\_\_\_

Person Contacted \_\_\_\_\_ Phone # \_\_\_\_\_

Affiliation \_\_\_\_\_

Subject of \_\_\_\_\_  
Call  
Visit

Summary of \_\_\_\_\_  
Call  
Visit Nick walked Franks behind the

company along Franks Creek. Sampling  
revealed the following in micrograms  
per liter: copper 13, lead 99, methylene  
chloride 270, TCE 210, dimethyl phthalates  
13000, diethyl phthalates 56,000 and  
TOC 80.7. That Kleer Kast was not moni-  
toring priority pollutants was mentioned  
at that time with advice to contact us  
re same. These samples were not being  
taken at the time of our inspection.  
Nick advised we contact George Radan of  
Action Recommended USEPA for more info. (He will forward  
any other info he may receive.)  
(Called G.R. wcb)

Patricia Cane  
Signature





REPORT OF PHONE CALL OR VISIT

Bureau or Office Metro

In ✓ Out         

Date 2/20 Time 2:30

File Kleer Kast/Kearny

Routing TBH

Person Contacted George Radam Phone No.         

Affiliation USEPA

Subject of ☒ Call ☐ Visit Kleer Kast

Summary of ☒ Call ☐ Visit Radam was filling in for Phil  
Dreco who has been injured in an auto  
accident. He knows little about the company  
other than that Robinson assured him  
that an application for a permit was  
being filed. He noted clogged drains in the  
front of the company but due to heavy  
snow was unable to inspect the rear  
of the premises. Discharges will have to be  
checked with dyes. If an NJDEP/USEPA joint  
effort is desired, Pete Lynch will have to  
request same from Paul Molinari in  
writing. Otherwise, Radam has no  
Action Recommended problem with our pursuing  
whatever enforcement actions we  
deem necessary.

Patricia Cane  
Signature



MEMORANDUM

Date Sent: APR 18 1984  
Date Received:

TO: ☒ Pete Lynch, Chief, Region Metro, Enforcement Element  
☐ Dr. S.F. Hsueh, Chief, Bureau of Syst. Anal. & Waste Load Alloc.  
☐ \_\_\_\_\_, Manager, \_\_\_\_\_ Basin, CGA  
☐ Ken Goldstein, Chief, Industrial Pretreatment Section  
☐ John Trela, Chief, Bureau of Ground Water Discharge Permits  
☐ \_\_\_\_\_

FROM: Flavian Stellerine, Industrial Permits Section

SUBJECT: NJPDES/DSW Draft Permit  
Name of the Applicant Kleer Kast Inc., Kearny  
NJPDES No. NJ0031313

The attached document is prepared in accordance with N.J.S.A. 58:10A-1 et seq. and NJPDES Regulations N.J.A.C. 7:14A-1 et seq.

RECEIVED

Please provide your comments or any specific requirements for this permittee by May 21, 1984.

If we do not receive any comment by this date we will assume that you concur with the permit as drafted. If you have any questions please contact me at 2-0407.

DEPT. OF ENVIRONMENTAL PROTECTION  
NEWARK OFFICE

TO: Flavian Stellerine, Industrial Permits Section

FROM: ☐ P. Lynch, Chief, Region Metro, Enforcement Element  
☐ Dr. S.F. Hsueh, Chief, Bureau of Syst. Anal. & Waste Load Alloc.  
☐ \_\_\_\_\_, Manager, \_\_\_\_\_ Basin, CGA  
☐ Ken Goldstein, Chief, Industrial Pretreatment Section  
☐ John Trela, Chief, Bureau of Ground Water Discharge Permits  
☐ \_\_\_\_\_

SUBJECT: ☒ I concur with the draft permit conditions. RJ  
☐ I concur with the draft permit conditions with the addition of the attached recommendations.  
☐ I do not concur for the attached reasons.

Comments:

Copy to F.S. 4/24/84  
17

PCF 000469

New Jersey Department of Environmental Protection  
Division of Water Resources  
Permits Administration  
CN-029  
Trenton, N.J. 08625  
(609) 292-5262

PUBLIC NOTICE

NOTICE: ISSUANCE OF DRAFT NJPDES PERMIT

Notice is hereby given that: Kleer Kast, Inc.

450 Schuyler Avenue

Kearny, New Jersey 07032

has applied to the New Jersey Department of Environmental Protection (NJDEP) for a draft New Jersey Pollutant Discharge Elimination System (NJPDES) permit to discharge to Franks Creek, classified as TW-3 waters.

The applicant, who conducts plastics molding and formulating (SIC Code 3079), operates a cellulose acetate sheeting manufacturing facility.

Operations at the plant consist of two separate sheeting manufacturing processes which produce high-and low-grade cellulose acetate sheeting. High-grade sheeting is produced by a band-casting process. Approximately 90% of the acetone used in the process is recovered through a solvent recovery system. Recovered acetone is recycled to the casting process and the water is discharged as wastewater along with noncontact cooling water (from the distillation column).

Low-grade sheeting is produced using cellulose acetate pellets and a heat extrusion process. Noncontact cooling water is used to maintain the required process temperature.

The facility also produces acetate pellets by a heat extrusion process. This process utilizes a quench bath for cooling the extruded acetate. The discharge from the quench bath is considered process contact water.

The facility receives its water from municipal supply and two company-owned wells. The company estimated its average direct wastewater discharge at approximately 281,000 gallons per day (GPD). Of this quantity, an estimated 15,000 GPD is process contact water which includes approximately 5,000 GPD from the quench bath and 10,000 gpd from the solvent recovery system.

There is no wastewater treatment at the facility. Contact waters are blended with non-contact cooling water prior to discharge into Franks Creek. Sanitary wastewater is discharged to the city sewer system.

State of New Jersey  
Department of Environmental Protection  
Division of Water Resources  
1474 Prospect St., CN-029  
Trenton, New Jersey 08625

FACT SHEET  
FOR DRAFT NJPDES PERMIT TO DISCHARGE  
INTO THE WATERS OF THE STATE OF NEW JERSEY

No. NJPDES

Application No.  
NJ0031313

Date:

Name and Address of Applicant: Kleer Kast  
450 Schuyler Avenue  
Kearny, NJ 07032

Name and Address of Facility Same as above  
Where Discharge Occurs:

Receiving Water: Franks Creek

Classification: TW-3

I. LOCATION OF DISCHARGE

The above named applicant has applied for a New Jersey Pollutant Discharge Elimination System (NJPDES) permit, to the State of New Jersey Department of Environmental Protection, Division of Water Resources to discharge into the designated receiving water.

A description and/or sketch of the location of the discharge is appended as Attachment I.

II. DESCRIPTION OF FACILITY

The applicant, who conducts plastics molding and formulating (SIC Code 3079), operates a cellulose acetate sheeting manufacturing facility.

Operations at the plant consist of two separate sheeting manufacturing processes which produce high-and low-grade cellulose acetate sheeting. High-grade sheeting is produced by a band-casting process.

Low-grade sheeting is produced using cellulose acetate pellets and a heat extrusion process. Noncontact cooling water is used to maintain the required process temperature.

The facility also produces acetate pellets by a heat extrusion process. This process utilizes a quench bath for cooling the extruded acetate. The discharge from the quench bath is considered process contact water.

The company estimated its average direct wastewater discharge at approximately 281,000 gallons per day (GPD). Of this quantity, an estimated 15,000 GPD is process contact water.

There is no wastewater treatment at the facility. Contact waters are blended with non-contact cooling water prior to discharge into Franks Creek. Sanitary wastewater is discharged to the city sewer system.

III. DESCRIPTION OF DRAFT PERMIT CONDITIONS

The effluent limitations, monitoring requirements, schedules of compliance and other conditions of the draft permit are described in Attachment II. Also included in Attachment II is a brief summary of the basis for each effluent limitation and other conditions in the draft permit.

IV. VARIANCE OR MODIFICATION (if applicable)

V. PROCEDURES FOR REACHING A FINAL DECISION ON THE DRAFT PERMIT

These procedures are set forth in N.J.A.C. 7:14A-7.1 et seq. Included in the public notice are requirements for the submission of comments by a specified date, procedures for requesting a hearing and the nature of the hearing, and other procedures for participation in the final agency decision.

VI. NJDEP CONTACT

Additional information concerning the draft Permit may be obtained between the hours of 8:00 A.M. and 4:30 P.M., Monday through Friday from: Flavian Stellerine at (609)292-0407.

LOCATION OF FACILITY  
AND DISCHARGE



PERMIT SUMMARY TABLE

Page 4 of 7 pages

Company: Kleer Kast, Inc.

Permit#: NJ 0031313

Receiving Waters: Franks Creek

Location: Kearny, Hudson County

Lat:

Class: TW-3

Long:

Review Engineer: Flavian Stellerine

Direct Discharges:

Ave. Flow  
281,000 GPD

Max. Flow

Discharge #:  
001

TOTAL

Parameter	Applica- tion	DMR's File	Existing Permit Condition	N.J./Other Standards SWQS	Technology Based Limits	Draft Permit Conditions Limits	Monitor Frequency	Monito Type
Flow		280,800 GPD	-			N/A	Monthly	Composite*
Total Organic Carbon		0.49 mg/l	10 mg/l max.			10 mg/l max.	Monthly	Composite
Temperature		19.4°C	30°C max.			30°C Max.	Monthly	Grab
Chromium*		-	1 mg/l max.			1 mg/l max.	Monthly	Composite
Zinc*		-	1 mg/l max.			1 mg/l max.	Monthly	Composite
pH Range		7.1 - 7.3	6.0 min. 9.0 max.			6.0 min. 9.0 max.	Monthly	Grab

Notes: \*The flow may be measured by the pump capacity.

PCF 000474



TABLE A

COMBINED CONTACT/NON-CONTACT WASTEWATER DISCHARGE FROM BAND-CASTING PROCESS\*  
SUMMARY OF PRIORITY TOXIC POLLUTANT DATA

(All results in µg/l)

<u>Pollutant Parameter</u>	<u>Day 1</u>	<u>Day 1</u> <u>(Field Duplicate)</u>	<u>Day 2</u>	<u>Day 3</u>
<u>Acid Compounds</u>				
pentachlorophenol			<1	
phenol	11	(87)	(94)	(90)
<u>Base/Neutrals</u>				
bis(2-chloroethyl)ether	1			
fluoranthene				<1
N-nitrosodiphenylamine			<1	<1
bis(2-ethylhexyl)phthalate	5	20	3	4
n-butyl phthalate	7	4	12	8
diethyl phthalate	(136)	(309)	(439)	(177)
dimethyl phthalate	2	(235)	(73)	43
benzo(a)anthracene	<1		<1	<1
benzo(a)pyrene	<1	3	2	<1
fluorene			<1	
pyrene				<1
<u>Volatiles</u>				
benzene			18	
1,1,1-trichloroethane	1	2	2	1
chloroform	2	3	4	1
methylene chloride	8	10	26	7
bromoform	<1		<1	
1,1-dichloroethylene				1

\*Acetone Recovery System

TABLE B

CONTACT WASTEWATER DISCHARGE FROM HEAT EXTRUSION PROCESS\*  
SUMMARY OF PRIORITY TOXIC POLLUTANTS

(All results in µg/l)

<u>Pollutant Parameters</u>	<u>Day 1</u>	<u>Day 2</u>
<u>Acid Compounds</u>		
phenol	(179)	(434)
<u>Base/Neutrals</u>		
bis(2-ethylhexyl)phthalate		(1720)
di-n-butyl phthalate	10	23
di-n-octyl phthalate		20
diethyl phthalate	(621)	(964)
dimethyl phthalate	1	87
benzo(a)anthracene	<1	
benzo(a)pyrene	<1	
<u>Volatiles</u>		
benzene		1
carbon tetrachloride	<1	<1
1,1,1-trichloroethane	3	6
chloroform	5	8
1,2-trans-dichloroethylene	15	17
methylene chloride	330	24
tetrachloroethylene	4	14
trichloroethylene	146	215

\*Quench Water Bath Discharge

State of New Jersey  
Department of Environmental Protection  
Division of Water Resources  
1474 Prospect St., CN-029  
Trenton, New Jersey 08625

STATEMENT OF BASIS  
DRAFT NJPDES PERMIT TO  
DISCHARGE INTO THE WATERS OF  
THE STATE OF NEW JERSEY

NJPDES Application No. NJ0031313

DESCRIPTION OF LIMITATIONS AND CONDITIONS

Limitations and conditions for Total Organic Carbon are based on the need to quantify the organic contamination of the total plant discharge.

A compliance schedule is required in order for the permittee to obtain the necessary data to: (1) determine the extent and character of contamination and degree of toxicity of the wastewater discharge; and (2) develop a BMP plan. Monitoring for Total Suspended Solids, Phenol, Diethyl Phthalate, Dimethyl Phthalate, Bis (2-Ethylhexyl) Phthalate and Acetone are required as part of the compliance schedule. These conditions are based on analytical results (refer to Tables A and B) indicating the presence of toxic pollutants.



STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CN 402  
Trenton, N.J. 08625



## PERMIT

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to the further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit.

Permit No. NJ0031313	Issuance Date	Effective Date	Expiration Date
Name and Address of Applicant Kleer Kast, Inc. 450 Schuyler Avenue Kearny, N.J. 07032	Location of Activity/Facility 450 Schuyler Avenue Kearny, Hudson County N.J.	Name and Address of Owner Same as Applicant	
Issuing Division Water Resources	Type of Permit NJPDES-DSW	Statute(s) N.J.S.A. 58:10A-1 et seq.	Application No.

This permit grants permission to:

Discharge to Frank's Creek, a tributary of the Passaic River, classified as TW-2 waters, in accordance with effluent limitations, monitoring requirements and other conditions as set forth in Parts I, II, III and IV hereof.

Approved by the Department of Environmental Protection

By Authority of:

John W. Gaston, Jr., P.E.

Director

Division of Water Resources

Arnold Schiffman

Administrator

Water Quality Management

DATE

\* The word permit means "approval, certification, registration, etc."

(GENERAL CONDITIONS ARE ON THE REVERSE SIDE.)

STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

ADDITIONAL CONDITIONS FOR NJPDES DSW PERMITS

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A. Additional Conditions applicable to all DSW permits, N.J.A.C. 7:14A-3.10.

(a) 1. The following shall be reported to the Department in accordance with Section 2.5(1)6.

- i. In the case of any discharge subject to any applicable toxic pollutant effluent standard under Section 307(a) of the Federal Act or under Section 6 of the State Act the information required by paragraph 2.5(1)6.i.(A) through (C) regarding a violation of such standard shall be provided to the Department within 2 hours from the time the permittee becomes aware of the circumstances. The information required by paragraph 2.5(1)6.i.(D) through (F) shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances. Where the information is provided orally a written submission covering these points must be provided within five working days of the time the permittee becomes aware of the circumstances covered by this paragraph.
- ii. In the case of other discharges which would constitute a threat to human health, welfare, or the environment, including but not limited to, discharge of pollutants designated under Section 311 of the Federal Act, under Section 6 of the State Act, under the "Spill Compensation and Control Act," N.J.S.A. 58:11-23.10 et seq., or under the "Safe Drinking Water Act," N.J.S.A. 58:12A-1 et seq., the information required by paragraph 2.5(1)6.i.(A) through (C) shall be provided within 2 hours from the time the permittee becomes aware of the circumstances. The information required by paragraphs 2.5(1)6.i.(D) through (F) shall be provided within 24 hours from the time the permittee becomes aware of the circumstances. Where the information is provided orally a written submission covering these points must be provided within five working days of the time the permittee becomes aware of the circumstances covered by this paragraph.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning EDP and lasting through EDP + 6 months the permittee is authorized to discharge from outfall(s) serial number(s) 001

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
	kg/day (lbs/day)		other units (specified)		Measurement Frequency	Sample Type
	Avg. Monthly	Max. Daily	Avg. Monthly	Max. Daily		
Flow-m <sup>3</sup> /Day (MGD)	N/A	N/A	N/A	N/A	Monthly	*Composite
Total Organic Carbon	N/A	N/A	N/A	10 mg/l	Monthly	Composite
Temperature °C (°F)	N/A	N/A	N/A	30(86)	Monthly	Grab
Chromium**	N/A	N/A	N/A	1 mg/l	Monthly	Composite
Zinc**	N/A	N/A	N/A	1 mg/l	Monthly	Composite

See Compliance Schedule (Page Part IV) for additional requirements.

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored monthly. The sample type shall be grab.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): 001

\*The flow may be measured by the pump capacity.

\*\*If the permittee does not use a chromium or a zinc corrosion inhibitor, the permittee does not have to sample for chromium or zinc.

PCF000480

B. SURFACE WATER QUALITY REQUIREMENTS

1. The permittee shall discharge so as not to violate Surface Water Quality Standards for Franks Creek, classified as TW-3 water, pursuant to N.J.A.C. 7:9-4.1 et. seq., including but not limited to, the following:

A. Floating, Colloidal and Settleable Solids; Color; Petroleum Hydrocarbons and Other Oils and Grease

1. None noticeable in the water or deposited along the shore or on the aquatic substrata in quantities detrimental to the natural biota. None which would render the waters unsuitable for the designated uses.
2. For "Petroleum Hydrocarbons" the goal is none detectable utilizing the Federal EPA - Environmental Monitoring and Support Laboratory Method (Freon Extractable - Silica Gel Adsorption - Infrared Measurement); the present criteria, however, are those of paragraph 1 above.

B. Toxic or Hazardous Substances

1. Allowing for natural conditions, none, either alone or in combination with other substances, in such concentrations as to affect humans or be detrimental to the natural aquatic life, or which would render the water unsuitable for the designated uses. None of which would cause standards for drinking water to be exceeded after appropriate treatment.







NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
P.O. Box 2809 Trenton, N.J. 08625



DISCHARGE SURVEILLANCE REPORT

PERMIT #: NJ0091313 NO. OF DISCHARGES: 001 CLASS: MIN/IND

DISCHARGER: KLEER KAST

OWNER: SAME AS ABOVE

MUNIC: KEARNY COUNTY: HUDSON WATERSHED CODE: \_\_\_\_\_

LOCATION: 450 SCHUYLER AVENUE

RECEIVING WATERS: FRANKS CREEK STREAM CLASS: TW-3

LIC. OPERATOR & PLANT CLASS: \_\_\_\_\_

TRAINEE/ASST: \_\_\_\_\_ OTHER INFO: \_\_\_\_\_

MAJOR DEFICIENCIES NOTED: SEE INSPECTION REPORT

OVERALL RATING: ☒ Acceptable ☐ Conditionally Acceptable ☐ Unacceptable

EVALUATOR: JOSEPH BOGEN TITLE: COMPLIANCE INVESTIGATOR

INFORMATION FURNISHED BY: (name) ANTONY RAMOS

(title) PRODUCTION SUPERVISOR (organization) KLEER KAST

DATE OF INSPECTION: 4/30/84



N.J.D.E.P.

D.W.R.

## DISCHARGE SURVEILLANCE REPORT



Page 2 of 3 (I)

Permit #: NJ0031313

Date:

INDUSTRIAL TREATMENT PROCESS EVALUATION			
RATING CODES: S = Satisfactory M = Marginal U = Unsatisfactory NA = Not Applicable			
		RATING	COMMENTS
GENERAL	DISCHARGE #	001	---
	WASTEWATER SOURCE(S)	---	CONTACT, N.C.L.W. CONDENSER
	CONTINUITY OF OPERATION	---	24 HOURS CONDENSER
	BYPASSES/OVERFLOWS	N/A	
	S.P.C.C. PLAN	S	10,000 GAL. ABOVE GROUND
	ALARM SYSTEMS	N/A	
TREATMENT PROCESSES	ALTERNATE POWER SUPPLY	N/A	
		N/A	PERMIT (DRAFT) KLEER CAST HAS NO TREATMENT PROCESS
SLUDGE HANDLING			
		N/A	
	DISPOSAL SITE		
INFORMATION	FLOW METER & RECORDER		
	RECORDS	M	
	SAMPLING PROCEDURES	S	
	ANALYSES PERFORMED BY	S	SHIMEL & SON TESTING LAB INC., EAST HANOVER, N.J.
OTHER			
	FINAL EFFLUENT APPEARANCE	M	THE INSPECTION REVEALED THAT DRAFT LIMITATIONS FOR T.O.C. (10 mg/L) WERE SLIGHTLY EXCEEDED (10.7 mg/L) ON # DSN 001
	REC. WATERS APPEARANCE		



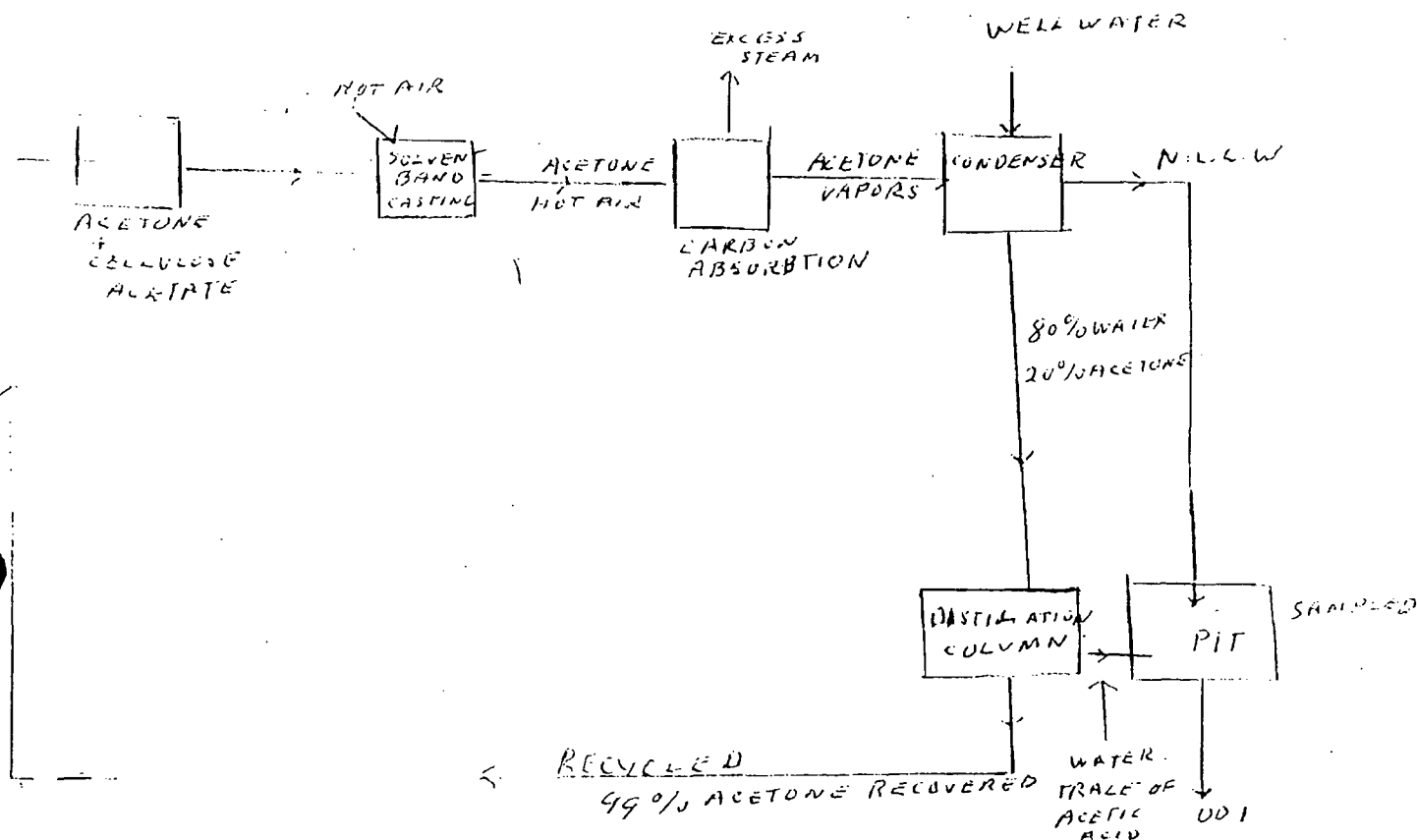
N.J.D.E.P.

D.W.R.

## DISCHARGE SURVEILLANCE REPORT

Permit #: NJ0031313Date: 4/30/87

## PLANT DIAGRAM AND FLOW SEQUENCE:



DRAFT PERMIT NOT RATED

SAMPLING PERIOD: \_\_\_\_\_

COMPOSITE INTERVAL: GRAB

DISCHG	PARA	SAMPLE TYPE	PERMIT LIMITS	SAMPLE RESULT	DISCHG	PARA	SAMPLE TYPE	PERMIT LIMITS	SAMPLE RESULT
001	TEMP	GRAB	$\leq 30^{\circ}\text{C}$	20°C					
001	T.O.C	CUMIP	$\leq 10\text{mg/l}$	10.1					
001	TSS	-		6					
001	PH	6-9	6-9	7.3					
001	PHENOL	-		2.05					



New Jersey Department of Environmental Protection  
Division of Water Resources  
Industrial Waste Management  
CN-029

Trenton, N.J. 08625  
(609) 292-4860

PUBLIC NOTICE

JUL 2 1984

NOTICE: ISSUANCE OF DRAFT NJPDES PERMIT NJ0031313

Notice is hereby given that:

Kleer Kast, Inc.  
450 Schuyler Avenue  
Kearny, New Jersey 07032

has applied to the New Jersey Department of Environmental Protection (NJDEP) for a draft New Jersey Pollutant Discharge Elimination System (NJPDES) permit to discharge to Franks Creek, classified as TW-3 waters.

The applicant, who conducts plastics molding and formulating (SIC Code 3079), operates a cellulose acetate sheeting manufacturing facility.

Operations at the plant consist of two separate sheeting manufacturing processes which produce high- and low-grade cellulose acetate sheeting. High-grade sheeting is produced by a band-casting process. Approximately 90% of the acetone used in the process is recovered through a solvent recovery system. Recovered acetone is recycled to the casting process and the water is discharged as wastewater along with noncontact cooling water (from the distillation column).

Low-grade sheeting is produced using cellulose acetate pellets and a heat extrusion process. Noncontact cooling water is used to maintain the required process temperature.

The facility also produces acetate pellets by a heat extrusion process. This process utilizes a quench bath for cooling the extruded acetate. The discharge from the quench bath is considered process contact water.

The facility receives its water from municipal supply and two company-owned wells. The company estimated its average direct wastewater discharge at approximately 281,000 gallons per day (GPD). Of this quantity, an estimated 15,000 GPD is process contact water which includes approximately 5,000 GPD from the quench bath and 10,000 gpd from the solvent recovery system.

There is no wastewater treatment at the facility. Contact waters are blended with non-contact cooling water prior to discharge into

Franks Creek. Sanitary wastewater is discharged to the city sewer system.

For an existing facility, issuance of the NJPDES permit is the enforcement mechanism by which pollutant discharges are brought into compliance with standards.

Additional information concerning the draft Permit may be obtained between the hours of 8:00 A.M. and 4:30 P.M., Monday through Friday from: Flavian Stellerine at (609) 292-4860.

This notice is being given to inform the public that NJDEP has prepared a draft NJPDES permit. This draft permit contains conditions necessary to implement the provisions of the "Regulations Concerning the New Jersey Pollutant Discharge Elimination System" (N.J.A.C. 7:14A-1 et seq.), which were promulgated pursuant to the authority of the New Jersey "Water Pollution Control Act" (N.J.S.A. 58:10A-1 et seq.).

The draft permit prepared by NJDEP is based on the administrative record which is on file at the offices of the NJDEP, Division of Water Resources, located at 1474 Prospect Street in the Township of Ewing, Mercer County, New Jersey. It is available for inspection, by appointment, between 8:30 a.m. and 4:00 p.m., Monday through Friday. Appointments for inspection may be scheduled by calling (609) 984-4428. Copies of the draft permit may be obtained for a nominal charge by contacting the Department.

Interested persons may submit written comments on the draft permit to the Administrator, Water Quality Management, at the address cited above. All comments shall be submitted within 30 days of the date of this public notice. All persons, including applicants, who believe that any condition of this draft permit is inappropriate or that the Department's tentative decision to issue this draft permit is inappropriate, must raise all reasonably ascertainable issues and submit all reasonably available arguments and factual grounds supporting their position, including all supporting material, by the close of the public comment period. All comments submitted by interested persons in response to this notice, within the time limit, will be considered by the NJDEP with respect to the permit application. At the close of the public comment period, the Department will issue or deny the permit. The Department will respond to all significant and timely comments when a final permit is issued. The applicant and each person who has submitted written comments will receive notice of NJDEP's final decision.

Any interested person may request in writing that NJDEP hold a non-adversarial public hearing on the draft permit. This request shall state the nature of the issues to be raised in the proposed hearing and shall be submitted within 30 days of the date of this public notice to the Administrator, Water Quality Management at the address cited above. A public hearing will be conducted whenever the NJDEP determines that there is a significant degree of public interest in the permit decision. If a public hearing is held, the public

comment period in this notice shall automatically be extended to the close of the public hearing.

Arnold Schiffman  
Administrator  
Water Quality Management

WQM98-C/PN4: fmm





RECEIVED

MAR 08 1985

DEPT. ENVIRONMENTAL PROTECTION  
NEWARK OFFICE

PERFORMANCE AUDIT INSPECTION REPORT

Kleer Kast, Inc.  
450 Schuyler Avenue  
Kearny, New Jersey 07032

NJ 003 1313

12/12/84

Participating Personnel:

Environmental Protection Agency

Nick Magriples, Environmental Engineer  
Stacey Boutsiadis, Environmental Engineer

Kleer Kast, Inc.

Edward Austin, Plant Manager

Report Prepared by:

Nick Magriples 1/16/85

Nick Magriples, Environmental Engineer  
Source Monitoring Section

Approved for the Director by:

Richard D. Spear 1/18/85  
Richard D. Spear, Chief  
Surveillance & Monitoring Branch

## REPORT

### Objective

This performance audit inspection was conducted to determine the quality and reliability of self-monitoring data being submitted by Kleer Kast, Inc. of Kearny, New Jersey in fulfillment of the requirement of NPDES Permit No. NJ 003 1313.

### Plant Description

Kleer Kast, Inc. of Kearny, New Jersey has been in operation for over 25 years at this location. The plant employs approximately 30 persons working 24 hours/day, 7 days/week, most of the time. At the time of this inspection the facility was at about 85% of production capacity.

The facility is engaged in the manufacture of cellulose acetate sheeting via a band casting process (see figure 1). Acetone and cellulose acetate are slurried and mixed to form a solution. The solution is then cast onto a carrier substrate and passes through rolls into a drying oven on a conveyor belt, where the acetone is evaporated. An acetone recovery system is used to reduce the loss of the solvent by feeding the acetone-air mixture into an adsorption unit from which the solvent is stream stripped. The solvent-steam condensate is then fed to a distillation column. The acetone is recovered from the top and the bottoms are discharged to Frank's Creek through Outfall 001. The final product is wound onto rolls in the form of a high cellulose acetone film.

About nine months ago, the facility was also engaged in the manufacture of acetate pellets by a heat extrusion process. Cellulose acetate scrap was combined with virgin material and mixed with plasticizers. The material was then fed through the extruder, heated, and forced under pressure through a die to produce strands of molten plastic. The strands were then passed through quench baths, with the overflow being discharged. Currently, Ampol, a sister company of Kleer Kast's located next door, is producing the pellets for them. According to Kleer Kast's plant manager, the facility is hoping to resume these operations sometime in the near future. This process is shown in Figure 2, prior to the pellet storage.

The facility receives its water from municipal supply and two company owned wells, with the municipal water being used for the boilers. All waters is discharged at the rear of the plant from Outfall 001 into Frank's Creek. See Figure 3 for details. Currently, no contact process

water is being discharged from the compounding process, only a very small amount of non-contact water. Process contact water from the solvent recovery system is combined with non-contact cooling water from condensers in a small cement pit at the rear of the plant. The flow from this part of the plant combines with that of the compounding process into a line which eventually empties into Frank's Creek. The actual discharge into the creek was not found during the inspection. All sanitary wastes are pumped to the city sewer.

The facility takes its samples at the cement pit, where the flow from the solvent recovery system mixes with the non-contact cooling water from the condensers. A union is attached to the two pipes to combine the flow and obtain a representative sample. No sampling is done in the line coming from the compounding process. Currently, there is no contact process water being discharged, but there is a small amount of non-contact water. According to the plant manager, sampling was never done on this line when the process water was being discharged.

Shimel and Sor Testing Laboratories, located in East Hanover, New Jersey is used for sample analysis, who in turn contracts Technion Research and Testing, located in Belleville, New Jersey for the TOC analysis.

#### Findings and Conclusions

Based upon a December 12, 1984 inspection of the Permittee's self-monitoring data and sample collection techniques, and a December 13, 1984 inspection of the analytical procedures at Technion Research and Testing, it was determined that Kleer Kast, Inc. is not in compliance with the requirements of their NPDES permit. The following problems were noted;

1. The discharged from the compounding process area is not monitored. Currently the facility is discharging only a small amount of non-contact water. In the future, when operations resume, there will be a contact process water discharge.
2. The facility should clean up the line where the flow from the two different processes combine at the rear of the plant. During the inspection, the final discharge was not located and should be indentified by the facility. If process waters from the compounding operation are resumed at the plant, a sampling program to include this waste must be instituted.

3. Another flow measurement technique should be used to supplement the bucket and stop watch method currently being used, especially since one part of the compliance schedule calls for installation of continuous flow measuring device.

4. Compliance schedule is not being followed yet, although the initial six month period ends in April. According to the permit, from EDP (effective date of permit) through EDP plus 6 months, the permittee must determine the flow rates and identify appropriate sampling locations of all discharges from the facility. A continuous flow metering/recording device must also be installed. During the period EDP plus 6 months and lasting through EDP plus 2 years the facility must monitor for toxic pollutants and also establish a BMP plan.

5. pH analysis is not being done correctly on-site.

The following problems were noted at the contractor lab, Technion;

1. Duplicates and spikes are not being run often enough.
2. Standards for the TOC analysis are not prepared fresh monthly.
3. TOC standards that are run at concentrations of 10, 20, 30, 40, and 50 mg/l do not cover the expected ranges of the samples. Standards should be set up to bracket the actual samples whenever possible.

#### Recommendations

It is recommended that appropriate action is taken to assure compliance with permit requirements.

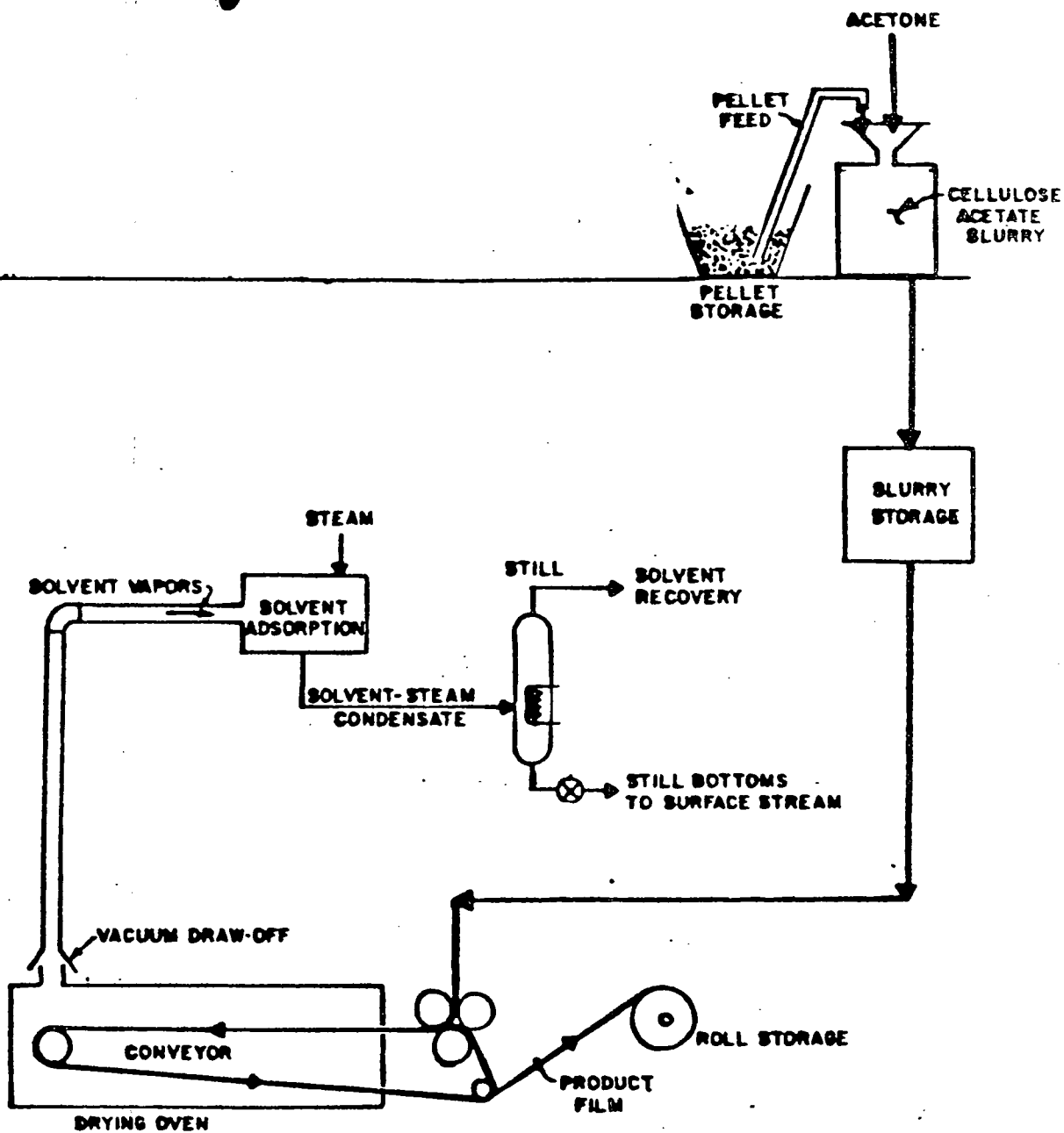


Figure 1: Band Casting process

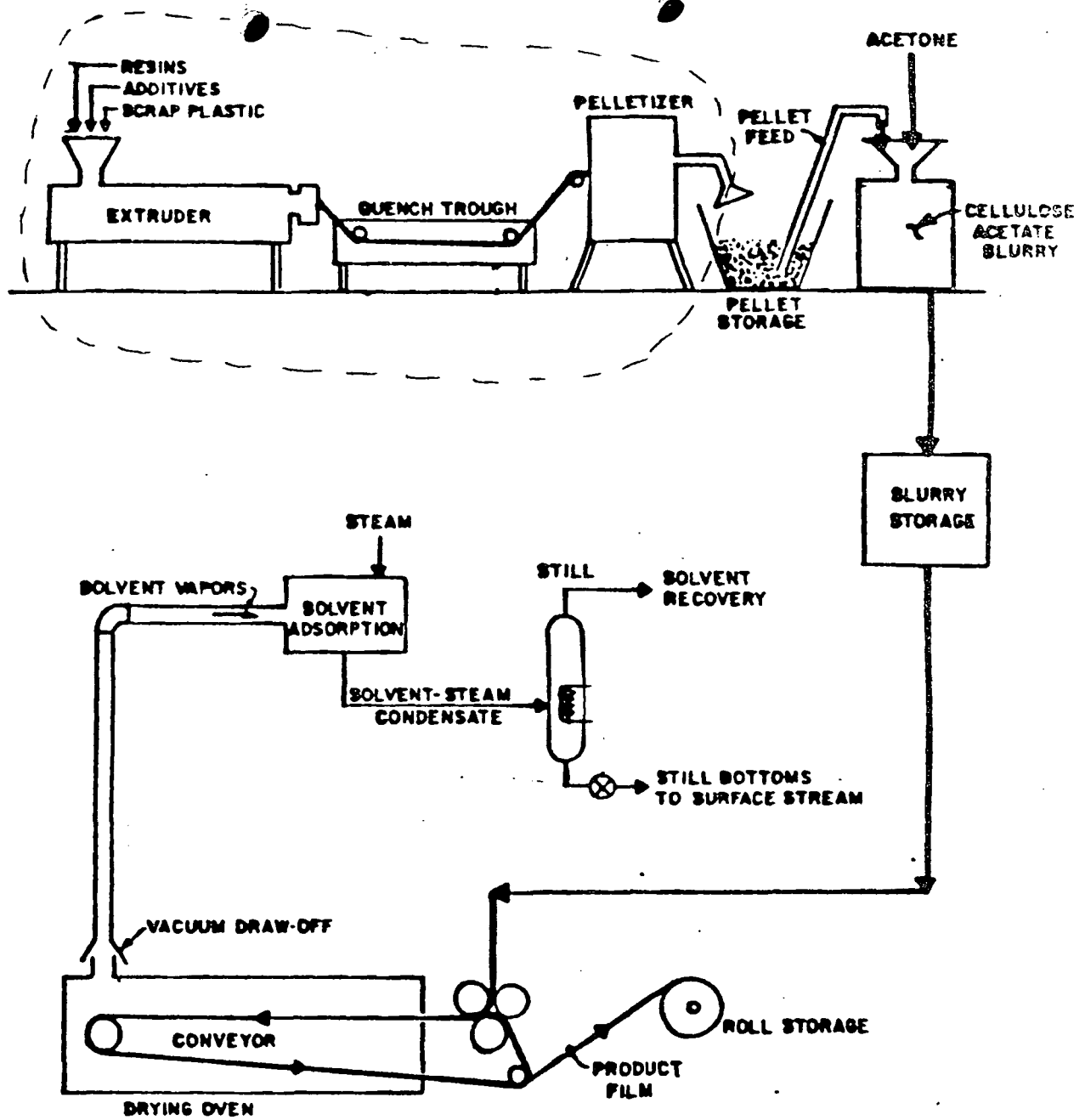
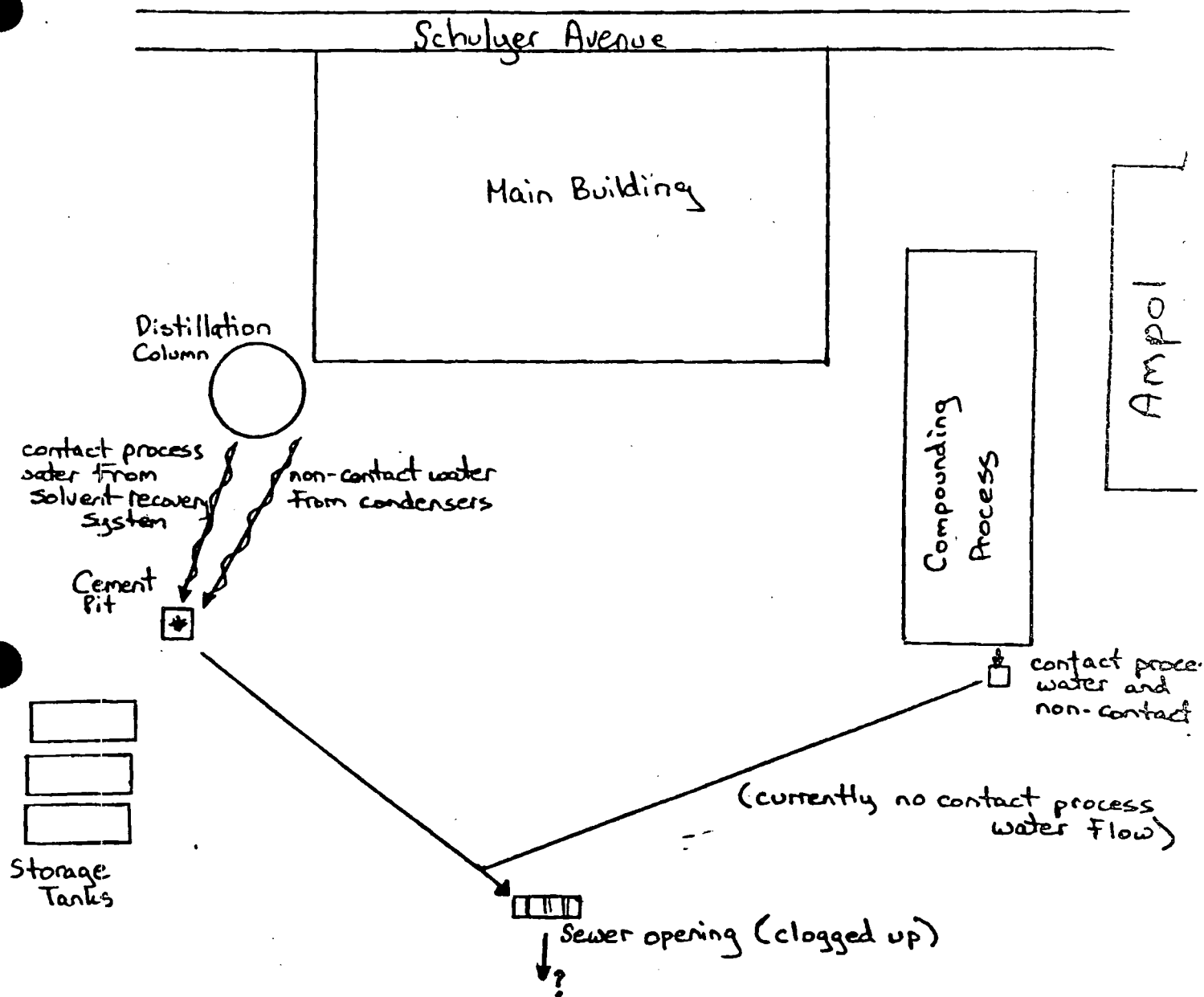


Figure 2: Extrusion and pelletizing  
prior to band casting



- \* Permittee's sampling point
- Not to scale

Figure 3: Flow sketch

Name of Facility: Kleer Vast, Inc.

Location: Kearny, NJ

NPDES No.: NJ 003 1313

Attention: Mr. Edward Austin

Ref: Performance Audit Inspection on

12/12/84

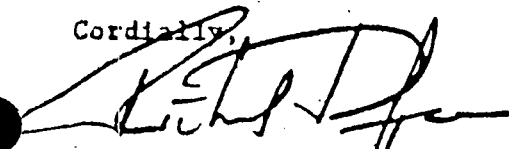
(Date)

The Environmental Protection Agency's (EPA) Performance Audit Inspection revealed deficiencies at your facility as set forth in the accompanying Deficiency Notice.

(1/2/85)  
Within 45 calendar days of today, please correct these deficiencies and notify the EPA of such corrections. Notification should be addressed to Richard D. Spear, Ph.D., Surveillance & Monitoring Branch, Environmental Services Division, Region II, U.S. Environmental Protection Agency, Edison, New Jersey 08837.

Please be advised that these deficiencies may be violations of your NPDES permit.

Cordially,

  
Richard D. Spear, Ph.D.  
Chief  
Surveillance & Monitoring Branch

Enclosure

JAN 4 1985

321-6685

321-6622



<b>DEFICIENCY NOTICE</b> NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) <small>(Read instructions on back of last part before completing)</small>		PERMITTEE (Facility) NAME AND ADDRESS <b>Kleer Kast, Inc.</b> <b>450 Schuyler Avenue</b> <b>Kearny, New Jersey 07032</b>	
PERMITTEE REPRESENTATIVE (Receiving this Notice)/TITLE  <b>Edward Austin/Plant Manager</b>		NPDES PERMIT NO.  <b>NJ 003 1313</b>	
During the compliance inspection carried out on (date) <b>12/12/84</b> the deficiencies noted below were found. Additional areas of deficiency may be brought to your attention following a complete review of the Inspection Report and other information on file with the REGULATORY AUTHORITY administering your NPDES PERMIT.			
D E F I C I E N C I E S			
MONITORING LOCATION (Describe) <b>Discharge from compounding process is not monitored. Currently only discharging a small amount of non-contact wastewater. In the future, when operations resume, there will be contact process water.</b>			
FLOW MEASUREMENT (Describe) <b>Another flow measurement technique should be used to supplement current manual method, especially since one part of the compliance schedule calls for installation of a continuous flow measuring device.</b>			
SAMPLE COLLECTION/HOLDING TIME (Describe)			
SAMPLE PRESERVATION (Describe)			
TEST PROCEDURES, SECTION 304(n), 40 CFR 136 (Describe) <b>1- Duplicates and spikes are not being run often enough by the contractor lab.</b> <b>2- Standards for the TOC analysis are not prepared fresh monthly.</b> <b>3- Standards that are run at concentrations of 10,20,30,40, and 50 mg/l do not cover the expected ranges of the samples.</b>			
RECORD KEEPING (Describe)			
OTHER SELF-MONITORING DEFICIENCIES (Describe) <b>(pH analysis is not done correctly on-site)</b>			
ADDITIONAL COMMENTS <b>Facility should clean up the line where the flow from the two processes combine at the rear of the plant. This could help establish where the flow is heading to.</b>			
REQUESTED ACTION—Your attention to the correction of the deficiencies noted above is requested. Receipt of a description of the corrective actions taken will be considered in the determination of the need for further Administrative or Legal Action. Your response is to be (inspector line out inappropriate response method): (1) Included with your next NPDES Discharge Monitoring Report (DMR) or (2) submitted as directed by the Inspector. Questions regarding possible follow-up action can be answered by the REGULATORY AUTHORITY to which your DMRs are submitted and which administers your NPDES Permit.			
INSPECTOR'S SIGNATURE  <b>Nick Magriples</b>	INSPECTOR'S ADDRESS/PHONE NO. <b>Woodbridge Ave.</b> <b>Edison, NJ 08837</b>	REGULATORY AUTHORITY REGION 2 <b>26 Federal Plaza</b> <b>New York, NY</b>	DATE <b>1/2/85</b>

<b>DEFICIENCY NOTICE</b>		<b>(Facility) NAME ADDRESS</b>	
<b>NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)</b> <small>(Read instructions on back of last part before completing)</small>		<b>AMPPL KLEER KAST</b> <b>DIVISION OF KLEER KAST INC. - 450 SCHUYLER AVE.</b> <b>KEARNY, HUDSON COUNTY, NEW JERSEY 07032</b>	
<b>REPRESENTATIVE (Receiving this Notice)/TITLE</b> <b>CHARLES B. ROBINSON, TECHNICAL MANAGER</b>		<b>NPDES PERMIT NO.</b> <b>NJ0031313-U</b>	
During the compliance inspection carried out on (date) <b>JANUARY 31, 1985</b> the deficiencies noted below were found. Additional areas of deficiency may be brought to your attention following a complete review of the Inspection Report and other information on file with the REGULATORY AUTHORITY administering your NPDES PERMIT.			
<b>D E F I C I E N C I E S</b>			
<b>MONITORING LOCATION (Describe)</b> <b>UNPERMITTED DISCHARGE: SEE BELOW</b>			
<b>FLOW MEASUREMENT (Describe)</b> <b>N/A</b>			
<b>SAMPLE COLLECTION/HOLDING TIME (Describe)</b> <b>N/A</b>			
<b>SAMPLE PRESERVATION (Describe)</b> <b>N/A</b>			
<b>TEST PROCEDURES, SECTION 304(h), 40 CFR 136 (Describe)</b> <b>N/A</b>			
<b>RECORD KEEPING (Describe)</b> <b>N/A</b>			
<b>OTHER SELF-MONITORING DEFICIENCIES (Describe)</b> <b>N/A</b>			
<b>ADDITIONAL COMMENTS</b> <b>THIS DISCHARGE OF POLLUTANTS WITHOUT A PERMIT ISSUED BY USEPA OR THE NJDEP FOR EPA PURSUANT TO SECTION 402 OF THE CLEAN WATER ACT, 33 U.S.C. § 1342, IS A VIOLATION. CRIMINAL OR CIVIL PENALTIES ARE PROVIDED IN SECTION 309 OF THE ACT FOR SUCH VIOLATIONS.</b>			
<b>REQUESTED ACTION</b> —Your attention to the correction of the deficiencies noted above is requested. Receipt of a description of the corrective actions taken will be considered in the determination of the need for further Administrative or Legal Action. Your response is to be (Inspector line out inappropriate response method): (1) included with your next NPDES Discharge Monitoring Report (DMR) or (2) submitted as directed by the Inspector. Questions regarding possible follow-up action can be answered by the REGULATORY AUTHORITY to which your DMRs are submitted and which administers your NPDES Permit.			
<b>INSPECTOR'S SIGNATURE</b> <i>George B. Radan</i> <b>INSPECTOR'S PRINTED NAME</b> <b>GEORGE B. RADAN</b>	<b>INSPECTOR'S ADDRESS/PHONE NO.</b> <b>26 FEDERAL PLAZA</b> <b>NEW YORK, NY 10278</b> <b>212 264-4350</b>	<b>REGULATORY AUTHORITY/ADDRESS</b> <b>SAME</b>	<b>DATE</b> <b>1/31/85</b>

001 - NCCW  
PROCESS WASTEWATER  
ACETIC ACID FROM DIS COL. } MIXED TO DISCH.

UNPERMITTED DISCH - NCCW,  
CWW  
WASHWATER FROM BLENDERS,  
EXTRUDERS  
FLOOR DRAINS (WASHWATER)

## NPDES COMPLIANCE INSPECTION REPORT (Coding Instructions on back of last page)

ACTION DE	NPDES	YR	MO	DA	TYPE	INSP. TOR	FAC TYPE	TIME
N	15093113113	18	4	12	12	A	A	12
1	2	3	11	12	17	18	19	20
								a.m. p.m.

REMARKS

ADDITIONAL

## SECTION A - Permit Summary

NAME AND ADDRESS OF FACILITY (Include County, State and ZIP code)		EXPIRATION DATE
Kleer Kast, Inc. 450 Schuyler Ave Kearny, NJ 07032		ISSUANCE DATE 10/1/84
RESPONSIBLE OFFICIAL	TITLE	PHONE
Edward Austin	Plant Manager	201-997-1880

## SECTION B - Effluent Characteristics (Additional sheets attached \_\_\_\_\_)

PARAMETER/ OUTFALL	MINIMUM	AVERAGE	MAXIMUM	ADDITIONAL
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				
SAMPLE MEASUREMENT				
PERMIT REQUIREMENT				

Non-sampling inspection

## SECTION C - Facility Evaluation (S = Satisfactory, U = Unsatisfactory, N/A = Not applicable)

N/A EFFLUENT WITHIN PERMIT REQUIREMENTS	N/A OPERATION AND MAINTENANCE	U SAMPLING PROCEDURES
U RECORDS AND REPORTS	U COMPLIANCE SCHEDULE	U LABORATORY PRACTICES
U PERMIT VERIFICATION	U FLOW MEASUREMENTS	OTHER

## SECTION D - Comments

## SECTION E - Inspection/Review

SIGNATURES	AGENCY	DATE	INSPECTION STATUS
INSPECTED BY Nick Magriples	USEPA	12/12/84	COMPLIANCE
INSPECTED BY			
VIEWED BY			

Sections F thru L: Complete on all inspections, as appropriate. N/A = Not Applicable

PERMIT NO.

15003 1313

## SECTION F - Facility and Permit Background

ADDRESS OF PERMITTEE IF DIFFERENT FROM FACILITY  
(Including City, County and ZIP code)

DATE OF LAST PREVIOUS INVESTIGATION BY EPA/STATE

3/83 - EPA problems w/ sampling pts  
FINDINGS  
State sampled about 4 months ago  
OK

## SECTION G - Records and Reports

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT. ☒ YES ☐ NO ☐ N/A (Further explanation attached \_\_\_\_\_)

## DETAILS:

(a) ADEQUATE RECORDS MAINTAINED OF:

(i) SAMPLING DATE, TIME, EXACT LOCATION

☒ YES ☐ NO ☐ N/A

(ii) ANALYSES DATES, TIMES

Technion

☒ YES ☐ NO ☐ N/A

(iii) INDIVIDUAL PERFORMING ANALYSIS

☒ YES ☐ NO ☐ N/A

(iv) ANALYTICAL METHODS/TECHNIQUES USED

☒ YES ☐ NO ☐ N/A

(v) ANALYTICAL RESULTS (e.g., consistent with self-monitoring report data)

☒ YES ☐ NO ☐ N/A

(b) MONITORING RECORDS (e.g., flow, pH, D.O., etc.) MAINTAINED FOR A MINIMUM OF THREE YEARS INCLUDING ALL ORIGINAL STRIP CHART RECORDINGS (e.g. continuous monitoring instrumentation, calibration and maintenance records).

☒ YES ☐ NO ☐ N/A

(c) LAB EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS KEPT.

Technion

☒ YES ☐ NO ☐ N/A

(d) FACILITY OPERATING RECORDS KEPT INCLUDING OPERATING LOGS FOR EACH TREATMENT UNIT.

☐ YES ☐ NO ☒ N/A

(e) QUALITY ASSURANCE RECORDS KEPT.

☒ YES ☐ NO ☐ N/A

(f) RECORDS MAINTAINED OF MAJOR CONTRIBUTING INDUSTRIES (and their compliance status) USING PUBLICLY OWNED TREATMENT WORKS.

☐ YES ☐ NO ☒ N/A

## SECTION H - Permit Verification

INSPECTION OBSERVATIONS VERIFY THE PERMIT. ☐ YES ☒ NO ☐ N/A (Further explanation attached \_\_\_\_\_)

## DETAILS:

See section N

(a) CORRECT NAME AND MAILING ADDRESS OF PERMITTEE.

☒ YES ☐ NO ☐ N/A

(b) FACILITY IS AS DESCRIBED IN PERMIT.

☒ YES ☐ NO ☐ N/A

(c) PRINCIPAL PRODUCT(S) AND PRODUCTION RATES CONFORM WITH THOSE SET FORTH IN PERMIT APPLICATION.

☐ YES ☒ NO ☐ N/A

(d) TREATMENT PROCESSES ARE AS DESCRIBED IN PERMIT APPLICATION.

☐ YES ☐ NO ☒ N/A

(e) NOTIFICATION GIVEN TO EPA/STATE OF NEW, DIFFERENT OR INCREASED DISCHARGES.

☐ YES ☐ NO ☒ N/A

(f) ACCURATE RECORDS OF RAW WATER VOLUME MAINTAINED.

☒ YES ☐ NO ☐ N/A

(g) NUMBER AND LOCATION OF DISCHARGE POINTS ARE AS DESCRIBED IN PERMIT.

☐ YES ☒ NO ☐ N/A

(h) CORRECT NAME AND LOCATION OF RECEIVING WATERS.

unable to find discharge into Frank's Creek

☐ YES ☐ NO ☐ N/A

(i) ALL DISCHARGES ARE PERMITTED.

☒ YES ☐ NO ☐ N/A

## SECTION I - Operation and Maintenance

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED. ☐ YES ☐ NO ☒ N/A (Further explanation attached \_\_\_\_\_)

## DETAILS:

(a) STANDBY POWER OR OTHER EQUIVALENT PROVISIONS PROVIDED.

☐ YES ☐ NO ☐ N/A

(b) ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE.

☐ YES ☐ NO ☐ N/A

(c) REPORTS ON ALTERNATE SOURCE OF POWER SENT TO EPA/STATE AS REQUIRED BY PERMIT.

☐ YES ☐ NO ☐ N/A

(d) SLUDGES AND SOLIDS ADEQUATELY DISPOSED.

☐ YES ☐ NO ☐ N/A

(e) ALL TREATMENT UNITS IN SERVICE.

☐ YES ☐ NO ☐ N/A

(f) CONSULTING ENGINEER RETAINED OR AVAILABLE FOR CONSULTATION ON OPERATION AND MAINTENANCE PROBLEMS.

☐ YES ☐ NO ☐ N/A

(g) QUALIFIED OPERATING STAFF PROVIDED.

☐ YES ☐ NO ☐ N/A

(h) ESTABLISHED PROCEDURES AVAILABLE FOR TRAINING NEW OPERATORS.

☐ YES ☐ NO ☐ N/A

(i) FILES MAINTAINED ON SPARE PARTS INVENTORY, MAJOR EQUIPMENT SPECIFICATIONS, AND PARTS AND EQUIPMENT SUPPLIERS.

☐ YES ☐ NO ☐ N/A

(j) INSTRUCTIONS FILES KEPT FOR OPERATION AND MAINTENANCE OF EACH ITEM OF MAJOR EQUIPMENT.

☐ YES ☐ NO ☐ N/A

(k) OPERATION AND MAINTENANCE MANUAL MAINTAINED.

☐ YES ☐ NO ☐ N/A

(l) SPCC PLAN AVAILABLE.

☐ YES ☐ NO ☐ N/A

(m) REGULATORY AGENCY NOTIFIED OF BY PASSING. (Dates \_\_\_\_\_)

☐ YES ☐ NO ☐ N/A

(n) ANY BY-PASSING SINCE LAST INSPECTION.

☐ YES ☐ NO ☐ N/A

(o) ANY HYDRAULIC AND/OR ORGANIC OVERLOADS EXPERIENCED.

☐ YES ☐ NO ☐ N/A

PERMIT NO.  
NJ00031313

## SECTION J - Compliance Schedules

PERMITTEE IS MEETING COMPLIANCE SCHEDULE.

☐ YES ☒ NO ☐ N/A (Further explanation attached ☒)

CHECK APPROPRIATE PHASE(S):

- ☐ (a) THE PERMITTEE HAS OBTAINED THE NECESSARY APPROVALS FROM THE APPROPRIATE AUTHORITIES TO BEGIN CONSTRUCTION.
- ☐ (b) PROPER ARRANGEMENT HAS BEEN MADE FOR FINANCING (mortgage commitments, grants, etc.).
- ☐ (c) CONTRACTS FOR ENGINEERING SERVICES HAVE BEEN EXECUTED.
- ☐ (d) DESIGN PLANS AND SPECIFICATIONS HAVE BEEN COMPLETED.
- ☐ (e) CONSTRUCTION HAS COMMENCED.
- ☐ (f) CONSTRUCTION AND/OR EQUIPMENT ACQUISITION IS ON SCHEDULE.
- ☐ (g) CONSTRUCTION HAS BEEN COMPLETED.
- ☐ (h) START-UP HAS COMMENCED.
- ☐ (i) THE PERMITTEE HAS REQUESTED AN EXTENSION OF TIME.

## SECTION K - Self-Monitoring Program

## Part 1 - Flow measurement (Further explanation attached \_\_\_\_\_)

PERMITTEE FLOW MEASUREMENT MEETS THE REQUIREMENTS AND INTENT OF THE PERMIT.

☐ YES ☒ NO ☐ N/A

DETAILS: Measure w/ bucket and stopwatch (no check used)

(a) PRIMARY MEASURING DEVICE PROPERLY INSTALLED.

☐ YES ☐ NO ☐ N/ATYPE OF DEVICE: ☐ WEIR ☐ PARSHALL FLUME ☐ MAGMETER ☐ VENTURI METER ☐ OTHER (Specify \_\_\_\_\_)

(b) CALIBRATION FREQUENCY ADEQUATE. (Date of last calibration \_\_\_\_\_)

☐ YES ☐ NO ☐ N/A

(c) PRIMARY FLOW MEASURING DEVICE PROPERLY OPERATED AND MAINTAINED.

☐ YES ☐ NO ☐ N/A

(d) SECONDARY INSTRUMENTS (totalizers, recorders, etc.) PROPERLY OPERATED AND MAINTAINED.

☐ YES ☐ NO ☐ N/A

(e) FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGES OF FLOW RATES.

☐ YES ☐ NO ☐ N/APart 2 - Sampling (Further explanation attached ☒)

PERMITTEE SAMPLING MEETS THE REQUIREMENTS AND INTENT OF THE PERMIT.

☐ YES ☒ NO ☐ N/A

DETAILS:

(a) LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES. (until normal operations resume)

☐ YES ☒ NO ☐ N/A

(b) PARAMETERS AND SAMPLING FREQUENCY AGREE WITH PERMIT.

☒ YES ☐ NO ☐ N/A

(c) PERMITTEE IS USING METHOD OF SAMPLE COLLECTION REQUIRED BY PERMIT.

☒ YES ☐ NO ☐ N/AIF NO, ☐ GRAB ☐ MANUAL COMPOSITE ☐ AUTOMATIC COMPOSITE FREQUENCY

(d) SAMPLE COLLECTION PROCEDURES ARE ADEQUATE.

☒ YES ☐ NO ☐ N/A

(i) SAMPLES REFRIGERATED DURING COMPOSITING

☒ YES ☐ NO ☐ N/A

(ii) PROPER PRESERVATION TECHNIQUES USED

☒ YES ☐ NO ☐ N/A

(iii) FLOW PROPORTIONED SAMPLES OBTAINED WHERE REQUIRED BY PERMIT

☐ YES ☐ NO ☒ N/A

(iv) SAMPLE HOLDING TIMES PRIOR TO ANALYSES IN CONFORMANCE WITH 40 CFR 136.3

☒ YES ☐ NO ☐ N/A

(e) MONITORING AND ANALYSES BEING PERFORMED MORE FREQUENTLY THAN REQUIRED BY PERMIT.

☐ YES ☒ NO ☐ N/A

(f) IF (e) IS YES, RESULTS ARE REPORTED IN PERMITTEE'S SELF-MONITORING REPORT.

☐ YES ☐ NO ☒ N/A

## Part 3 - Laboratory (Further explanation attached \_\_\_\_\_)

PERMITTEE LABORATORY PROCEDURES MEET THE REQUIREMENTS AND INTENT OF THE PERMIT.

☐ YES ☐ NO ☐ N/A

DETAILS:

(a) EPA APPROVED ANALYTICAL TESTING PROCEDURES USED. (40 CFR 136.3)

☒ YES ☐ NO ☐ N/A

(b) IF ALTERNATE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED.

☐ YES ☐ NO ☒ N/A

(c) PARAMETERS OTHER THAN THOSE REQUIRED BY THE PERMIT ARE ANALYZED.

☐ YES ☒ NO ☐ N/A

(d) SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT.

☐ YES ☒ NO ☐ N/A

(e) QUALITY CONTROL PROCEDURES USED.

☒ YES ☐ NO ☐ N/A

(f) DUPLICATE SAMPLES ARE ANALYZED. \_\_\_\_\_ % OF TIME.

☐ YES ☐ NO ☐ N/A

(g) SPIKED SAMPLES ARE USED. \_\_\_\_\_ % OF TIME.

☐ YES ☐ NO ☐ N/A

(h) COMMERCIAL LABORATORY USED.

☒ YES ☐ NO ☐ N/A

(i) COMMERCIAL LABORATORY STATE CERTIFIED.

☒ YES ☐ NO ☐ N/A

LAB NAME

LAB ADDRESS

Technion Research and Testing (via Skimel + Son)  
681 Main St Belleville, NJ

PERMIT NO.

NJ0031313

## SECTION L - Effluent/Receiving Water Observations (Further explanation attached \_\_\_\_\_)

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOL	COLOR	OTHER
001	None	None	None	None	None	+	

(Sections M and N: Complete as appropriate for sampling inspections)

## SECTION M - Sampling Inspection Procedures and Observations (Further explanation attached \_\_\_\_\_)

- ☐ GRAB SAMPLES OBTAINED  
☐ COMPOSITE OBTAINED  
☐ FLOW PROPORTIONED SAMPLE  
☐ AUTOMATIC SAMPLER USED  
☐ SAMPLE SPLIT WITH PERMITTEE  
☐ CHAIN OF CUSTODY EMPLOYED  
☐ SAMPLE OBTAINED FROM FACILITY SAMPLING DEVICE

Non-sampling

COMPOSITING FREQUENCY \_\_\_\_\_ PRESERVATION \_\_\_\_\_

SAMPLE REFRIGERATED DURING COMPOSITING: ☐ YES ☐ NO

SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE \_\_\_\_\_

## SECTION N - Analytical Results (Attach report if necessary)

The Facility is currently not operating compounding process, which discharges contact process water from quench baths. Anapol, a sister company next door is now running that operation. Mr. Austin says that Kleer Kast may run operation again in future.

Currently, Facility is only sampling from the solvent recovery system and non-contact condensers. There is a small amount of non-contact cooling flow from the compounding area. According to plant manager sampling was never done on this line when the process water was being discharged.

The Facility is on a compliance schedule to obtain the necessary data to establish wastewater flow data, monitor toxic pollutants and establish a Best Management Practices Plan. The first and third, which began on EDP (10/1/84) have not been initiated yet.

PERMIT NO.

NS0031313

SECTION L - Effluent/Receiving Water Observations (Further explanation attached \_\_\_\_\_)

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOL	COLOR	OTHER
001	None	None	None	None	None	+	

(Sections M and N: Complete as appropriate for sampling inspections)

SECTION M - Sampling Inspection Procedures and Observations (Further explanation attached \_\_\_\_\_)

- ☐ GRAB SAMPLES OBTAINED
- ☐ COMPOSITE OBTAINED
- ☐ FLOW PROPORTIONED SAMPLE
- ☐ AUTOMATIC SAMPLER USED
- ☐ SAMPLE SPLIT WITH PERMITTEE
- ☐ CHAIN OF CUSTODY EMPLOYED
- ☐ SAMPLE OBTAINED FROM FACILITY SAMPLING DEVICE

Non-sampling

COMPOSITING FREQUENCY \_\_\_\_\_ PRESERVATION \_\_\_\_\_

SAMPLE REFRIGERATED DURING COMPOSITING: ☐ YES ☐ NO

SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE \_\_\_\_\_

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
P.O. Box 2809 Trenton, N.J. 08625



DISCHARGE SURVEILLANCE REPORT

PERMIT #: AJ0031313 NO. OF DISCHARGES: 001 CLASS: Maj. Ind.

DISCHARGER: KLEER KAST, INC.

OWNER: Kleer Kast, Inc.

MUNIC: Kearny COUNTY: Hudson WATERSHED CODE: Medro.

LOCATION: 450 Schuyler Ave.

RECEIVING WATERS: Frank's Creek - Passaic River STREAM CLASS: TW-2

LIC. OPERATOR & PLANT CLASS: \_\_\_\_\_

TRAINEE/ASST: \_\_\_\_\_ OTHER INFO: 997 - 1880

MAJOR DEFICIENCIES NOTED:

- ① not sampling for priority pollutants
- ② sampling location unsatisfactory; not representative of total discharge.
- ③ absence of flow monitoring device.

OVERALL RATING: ☐ Acceptable ☐ Conditionally Acceptable ☒ Unacceptable

EVALUATOR: Joseph Bogen TITLE: Compliance Investigator  
Patricia Cane TITLE: Environmental Specialist

INFORMATION FURNISHED BY: (name) Edward Austin  
plant manager Chuck Robinson  
(title) Director of Technical Services (organization) Kleer Kast, Inc.

DATE OF INSPECTION: 2/14/85

N.J.D.E.P.  
D.W.R.

## DISCHARGE SURVEILLANCE REPORT



Page 2 of 3 (I)

Permit #: NJ0031313

Date: 2/14/85

INDUSTRIAL TREATMENT PROCESS EVALUATION			
RATING CODES: S = Satisfactory M = Marginal U = Unsatisfactory NA = Not Applicable			
		RATING	COMMENTS
GENERAL	DISCHARGE #	---	
	WASTEWATER SOURCE(S)	---	contact and non-contact cooling water
	CONTINUITY OF OPERATION	---	24 hrs/day 5 or 6 days/week
	BYPASSES/OVERFLOWS	NA	
	S.P.C.C. PLAN	NA	(5000 gal. #6 fuel to be phased out to gas)
	ALARM SYSTEMS	NA	
ALTERNATE POWER SUPPLY	NA		
TREATMENT PROCESSES			
	carbon filtering and distillation	S	removes 98.5 % of acetone;
		S	trace of acetic acid discharge
SLUDGE HANDLING			
	NA		
	DISPOSAL SITE		
INFORMATION	FLOW METER & RECORDER	U	none
	RECORDS	S	
	SAMPLING PROCEDURES	U	location unsatisfactory
	ANALYSES PERFORMED BY	S	Shimel and Son Testing Laboratories, Inc. 98 Sand Park Rd., Cedar Grove, NJ 07009
	approx. 50 employees		
OTHER			
	FINAL EFFLUENT APPEARANCE	A	clear
	REC. WATERS APPEARANCE	A	WT

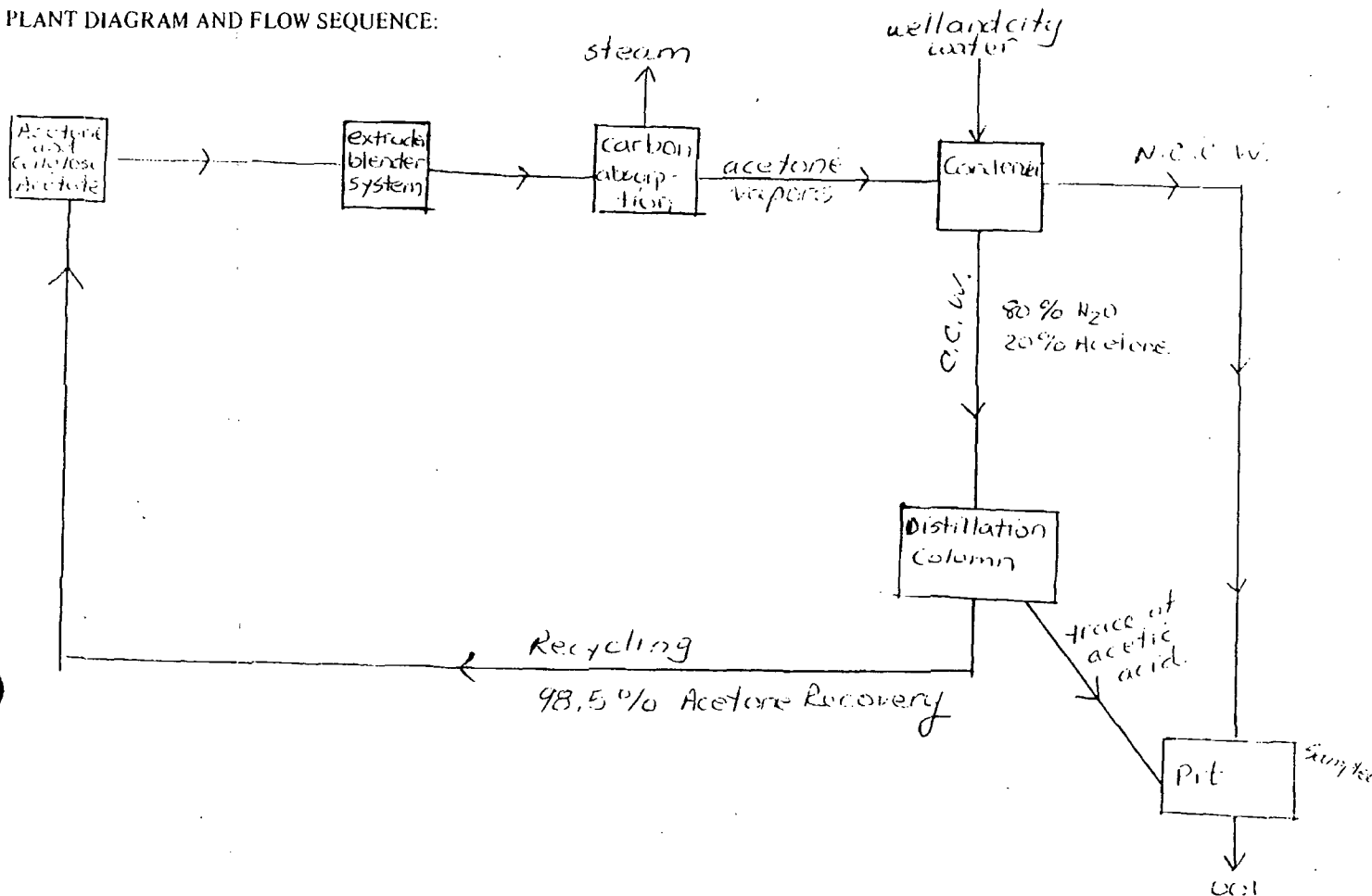


DISCHARGE SURVEILLANCE REPORT

Permit # NJ00031313

Date 2/14/85

PLANT DIAGRAM AND FLOW SEQUENCE:



DISCHARGE DATA

SOURCE: Samples Collected

PERIOD: 2/14/85 (grab)

DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA	DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA
001	Toc	grab	10 mg/l						
001	TSS	grab	—						
001	pH	grab	6.0 - 9.0						

MONITORING DEFICIENCIES:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: March 4, 1985

SUBJECT: Results of Sampling Survey Conducted at Ampol,  
Division of Kleer Kast, Inc. (unpermitted discharge) December 13, 1984

FROM: Nicholas Magriples, Environmental Engineer *Nicholas Magriples*  
Source Monitoring Section

TO: Paul Molinari, Chief  
Compliance Section

Thru: John Ciancia, Chief  
Source Monitoring Section

*[Signature]*  
Richard D. Spear, Chief  
Suveillance and Monitoring Branch

On December 12, 1984 Stacey Boutsiadis and I were at Kleer Kast, Inc. on 450 Schuyler Avenue, Kearny, New Jersey conducting a Performance Audit Inspection (NJ 003 1313). While speaking with the plant manager, Ed Austin, mention was made of Ampol, a sister company which had moved in next door several months ago. Prior to this they were located in Paterson, New Jersey, by the name of American Polymer. Both companies are owned by Phil Kamins of Plastic Management Corporation, located in California. On speaking further with Mr. Austin, mention was also made of Ampol's discharge at the back of the property. Upon return to Edison, looking at the permit files and speaking to the Permit Sections in both New York and Trenton, it was determined that there was no permit nor application on file for Ampol.

On December 13, 1984 Michael Glogower accompanied us to Kleer Kast with the intent of locating Ampol's discharge and taking samples. No direct mention was made of this to Mr. Austin, as he showed us the rear of his company's property. We were unable to find any discharge leaving the Ampol facility nor where either the wastewater from Kleer Kast or Ampol enters a stream. However, a light green colored plume was seen in a stream originating near the rear of Ampol's facility next to a junk yard.

Later that day we were introduced to Mr. Larry Caso, General Manager of Ampol. He has been there approximately two months and runs the facility without a plant manager, who was fired recently. We asked Mr. Caso if he discharges wastewater without a permit and he stated that he never knew that he did and there is no permit. Mr. Austin confirmed that there was a discharge. We were then granted permission to sample Ampol by Mr. Caso who turned out to be very cooperative.

RECEIVED

MAR 08 1985

DEPT. ENVIRONMENTAL PROTECTION  
NEWARK OFFICE

### Facility Description

Mr. Austin showed us around the Ampol facility and described the process related to the discharge for us. Cellulose acetate scrap is ground, combined with virgin material and mixed with plasticizers and other additives. This material is then fed through the extruder, heated and forced through a die to produce strands of molten plastic. The strands are drawn through a quench bath where water is circulated in a single pass through the bath and then discharged. There are four of these quench baths with hoses leading into drains in the floor. The facility also manufactures screw driver handles. Once again, we were unable to find the actual discharge outside of the plant.

### Sampling Procedures

Samples were collected from the overflows of the quench baths. Grabs of equal volume were taken from each bath and a composite was made up. At the time of the sampling, bath #2 (see Figure 1) had just stopped operation. The following samples were collected:

- °Sample #66008 was 2POA blanks preserved with sodium thiosulfate to remove interferences and iced.

- °Sample #66009 consisted of a composite made up of three separate grabs; one from each bath. Separate samples were taken for POA, NVOA, TOC and metals scan under the same number. The POA samples were taken in 2-40 ml. vials and preserved with sodium thiosulfate. The TOC sample was taken in a quart cubitainer and preserved with  $H_2SO_4$  to a pH of 2. The metal sample was taken in a quart cubitainer and preserved with  $HNO_3$  to a pH of 2. All samples were iced following collection.

- °Temperature and pH readings were also taken from the three baths. See Table 2 for the on-site measurements.

All samples were analyzed at EPA's Edison, New Jersey laboratory. See Table 1 for the results of the analyses.

### Attachments:

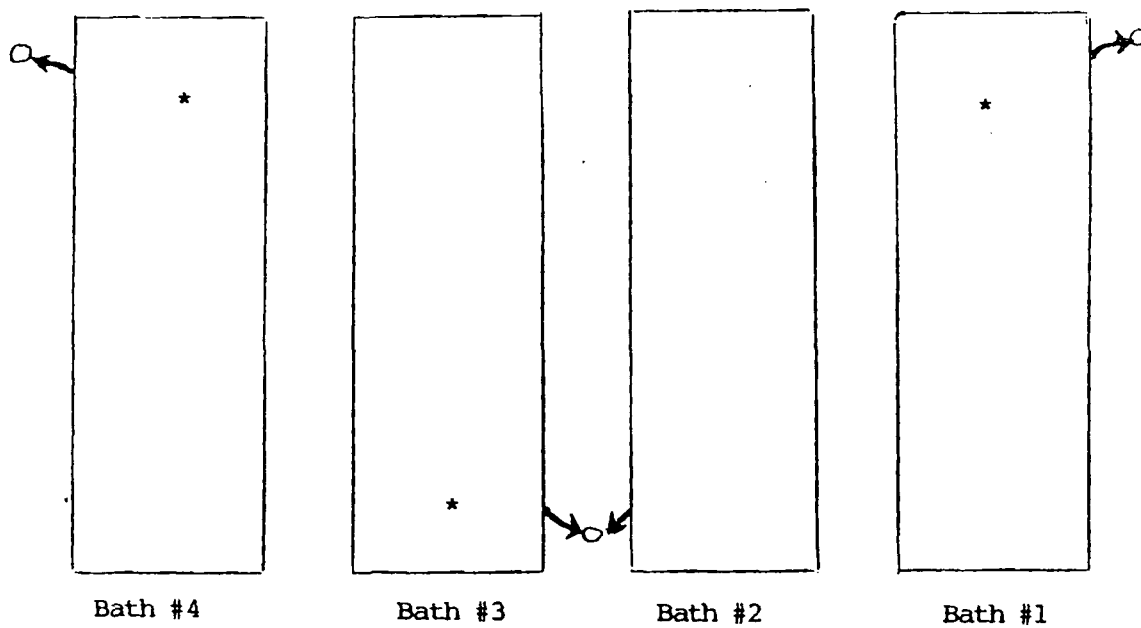
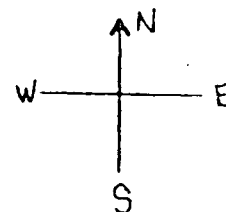
Figure 1 - Sampling locations

Table 1 - Results of chemical analysis for Ampol On-site

Table 2 - pH and temperature measurements

cc: Patricia Cane, NJDEP

Ampol, Division of Kleer Kast  
Kearny, New Jersey



(not to scale)

\* sampling point

Figure 1 : Sampling locations



Table 1: Results of chemical analysis for Ampol

<u>Metals (ug/l)</u>	<u>Sample # 66009</u>
Silver	.5 K
Arsenic	3 J
Beryllium	2 K
Cadmium	9 J
Chromium	6 J
Copper	13
Mercury	.2 K
Lead	99
Nickel	20 K
Antimony	1 K
Selenium	1 K
Thallium	1 K
Zinc	8 J
<u>Volatile organics (ug/l) *</u>	
Methylene chloride	270
1,2 Trans Dichloroethylene	4.8 J
Chloroform	2 K
Trichloroethylene	210
Tetrachloroethylene	2.6 J
<u>Non-volatile organics (ug/l)</u>	
Dimethyl phthalate	13000
Diethyl phthalate	56000
<u>Other (mg/l)</u>	
Total organic carbon	80.7

K- actual value known to be less than value given

J- estimated value

\* Blanks for POA's (Sample # 66008) showed no presence of the above compounds.

Table 2: On-site pH and temperature measurements

	<u>pH</u>	<u>Temperature(°C)</u>
Bath #1	6.70	55
Bath #3	6.80	74
Bath #4	7.15	30



Ampol

KleerKast

450 Schuyler Avenue  
Kearny, New Jersey 07032  
(201) 997-1880

March 14, 1985

Mr. Phil Greco  
Environmental Scientist  
Region II  
U.S. Environmental Protection Agency  
Room 845  
26 Federal Plaza  
New York, New York 10278

Dear Mr. Greco:

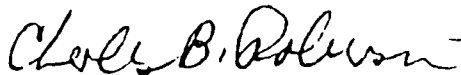
I have enclosed a copy of the analysis of samples taken from two separate locations in our waste water system, since we are unable to accurately sample our total discharge. These sample spots represent the most contaminated spots in the system. The estimate of the total waste water volume includes storm drainage and several non-contact cooling water discharges.

	<u>Volume</u>
Blender Water at Time Clock Pit	1600 gal/hr.
Cooling Water Near Extruders	2146 gal/hr.
Total Estimate of Waste Water from the Facility	12150 gal/hr.

Using these water volumes and the concentrations from the analysis, I have estimated the concentration at the outfall. These values are noted on the analysis. I do not know the origin of the volatile chlorine compounds on the chlorophenol, since we don't use materials of this sort.

Please call if you have questions.

Your truly,



Charles Robinson  
Quality Control

CR:mh  
enclosure



# SHIMEL and SOR TESTING LABORATORIES, INC.

Testing - Inspection - Consultation  
98 Sand Park Road, Cedar Grove, N.J. 07009  
(201) 239-6001

Branch Office:  
118-120 Sandford St.  
New Brunswick, N.J. 08903  
(201) 494-2448

Kamil Sor, Ph.D.  
Charles Shimel, P.E.

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may not be published or reproduced without our written permission

ent Ampol/Kleer Kast, 450 Schuyler Ave., Kearny, NJ 07032

loc 450 Schuyler Ave., Kearny, NJ

test Laboratory Testing of Wastewater Samples

Report No 85-731

Date 3/1/85

The following are laboratory test results of water samples  
taken on February 7, 1985: *blenders 1600 gal/hr. 2146 gal/hr. 13150 gal/hr.*

Parameter	Blender Water at time Clock Pit	Cooling Water Near Extrudes	Total
pH, S.U.	7.7	7.5	
Total Suspended Solids, mg/l	10	2	1.7 mg/l
Oil and Grease, mg/l	16	93	18.5 mg/l
Chemical Oxygen Demand, mg/l	120.8	193.5	50.1 mg/l
Total Organic Carbon, mg/l	116	85	30.3 mg/l
Total Nitrogen, mg/l as N	1.3	0.9	0.33 mg/l
Metals:			
Iron, mg/l	0.020	0.025	
Lead, mg/l	0.10	0.10	
Chromium, mg/l	0.025	0.025	
Copper, mg/l	0.019	0.010	
Cadmium, mg/l	< 0.01	< 0.01	
Zinc, mg/l	0.025	< 0.01	

SHIMEL AND SOR TESTING LABORATORIES, INC.

*Kamil Sor*  
Kamil Sor, Ph. D.  
President

KS/rp

cc: (1) Client

Attn: Mr. Charles Robinson

PCF 000513

Base Neutral Extractables

<u>COMPOUNDS</u>	<u>Parts per Billion in Sample</u>	
	<u>Blender Water at Time Clock Pit</u>	<u>Cooling Water from Extruders</u> <i>Total</i>
1,3-dichlorobenzene	5	5
1,4-dichlorobenzene	5	5
Hexachloroethane	5	5
1,2-dichlorobenzene	5	5
bis (2-chloroisopropyl) ether	5	5
Hexachlorobutadiene	5	5
1,2,4-trichlorobenzene	5	5
naphthalene	5	5
bis (2-chloroethyl) ether	5	5
hexachlorocyclopentadiene	5	5
nitrobenzene	5	5
bis (2-chloroethoxy) methane	5	5
2-chloronaphthalene	5	5
acenaphthylene	5	5
acenaphthene	5	5
isophorone	5	5
fluorene	5	5
2,6-dinitrotoluene	5	5
1,2-diphenylhydrazine	5	5
2,4-dinitrotoluene	5	5
N-nitrosodiphenylamine	5	5
hexachlorobenzene	5	5
bis (chloromethyl) ether	5	5
Phenathrene	5	5
anthracene	5	5
dimethylphthalate	43	180
diethylphthalate	30	604
fluoranthene	5	5
di-n-butylphthalate	40	5
benzidine	5	5
butyl benzylphthalate	5	5
chrysene	5	5
bis (2-ethylhexyl) phthalate	5	5
benzo (a) anthracene	5	5
benzo (b) fluroanthene	5	5
benzo (k) fluroanthene	5	5
benzo (l) pyrene	5	5
ideno (1,2,3-cd) perylene	5	5
dibenzo (a,h) anthracene	5	5
benzo (g,h,i) perylene	5	5
N-nitrosodimethylamine	5	5
N-nitrosodi-n-propylamine	5	5
4-chloro-phenyl phenyl ether	5	5
3,3-dichlorobenzidene	5	5
2,3,7,8-tetrachlorodibenzo-p-dioxin	5	5
deuterated anthracene (d10)	5	5

37.5  
111  
6.2

mpol -

Acid Extractables

<u>COMPOUNDS</u>	<u>Parts per Billion in Sample</u>		
	<u>Blender Water at</u> <u>Time Clock Pit</u>	<u>Cooling Water</u> <u>from Extruders</u>	<u>Total</u>
2-chlorophenol			
phenol	220	< 5	59.9
2,4-dichlorophenol	< 5	< 5	
2-nitrophenol	< 5	< 5	
p-chloro-m-cresol	< 5	< 5	
2,4,6-trichlorophenol	< 5	270	48.7
2,4-dimethylphenol	< 5	< 5	
2,4-dinitrophenol	< 5	< 5	
4,6-dinitro-o-cresol	< 5	< 5	
4-nitrophenol	< 5	< 5	
pentachlorophenol	< 5	< 5	
deuterated anthracene (d10)	< 5	< 5	

Volatile Organic Compounds

COMPOUNDS	Parts per Billion in Sample		Total
	Blender Water at Time Clock Pit	Cooling Water from Extruders	
Bromoethane	< 2	< 2	
Dichlorodifluoromethane	< 2	< 2	
Vinyl Chloride	< 2	< 2	
Chloroethane	25	40	10.4
Ethylene Chloride	< 2	< 2	
Trichlorofluoromethane	< 2	< 2	
1,1, Dichloroethylene	< 2	< 2	
1, 1, Dichloroethane	< 2	< 2	
trans-1, 2 Dichloroethylene	< 2	< 2	
Chloroform	< 2	< 2	
1, 2 Dichloroethane	< 2	< 2	
1, 1, 1 Trichloroethane	< 2	< 2	
Carbon Tetrachloride	< 2	< 2	
Bromodichloromethane	< 2	< 2	
1, 2 Dichloropropane	< 2	< 2	
trans-1, 3 Dichloropropene	< 2	< 2	
Trichloroethylene	< 2	200	35.6
Dibromochloromethane	< 2	< 2	
1, 1, 2 Trichloroethane	< 2	< 2	
cis-1, 3 Dichloropropylene	< 2	< 2	
Benzene	< 2	< 2	
2-Chloroethylvinyl Ether	< 2	< 2	
Bromoform	< 2	< 2	
1, 1, 2, 2 Tetrachloroethane	< 2	< 2	
Tetrachloroethylene	< 2	< 2	
Toluene	< 2	< 2	
Chlorobenzene	< 2	< 2	
Ethylbenzene	< 2	< 2	
Acrolein	< 2	< 2	
Acrylonitrile	< 2	< 2	
Chloromethane	< 2	< 2	





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

*P. Cant...*  
*T. B. H.*  
*J. B. G.*

DATE: April 18, 1985

SUBJECT: Results of dye test conducted at Ampol  
Division of Kleer Kast, Inc. March 21, 1985

FROM: Nick Magriples, Environmental Engineer *Nick Magriples*  
Source Monitoring Section

**RECEIVED**

TO: Richard Caspe, Deputy Director  
Water Management Division

APR 30 1985

Thru: John Ciancia, Chief  
Source Monitoring Section

DEPT. ENVIRONMENTAL PROTECTION  
NEWARK OFFICE

Richard D. Spear, Chief  
Surveillance and Monitoring Branch

As requested, a dye test was conducted at the subject facility on March 21, 1985 by Randy Braun, Joe Hudek and myself, to determine the location of its effluent discharge. Upon arrival we met with Ed Austin, Plant Manager of Kleer Kast and Charles Robinson, head of Quality Control at Ampol. Mr. Robinson explained that they conducted a dye test and sampling analysis of their wastewater system two weeks prior to our visit and that results of this sampling were sent to Phil Greco in New York (see Appendix A). Figure I shows the point of dye addition by the Facility personnel in Buildings 5 (compound extruders) and 6C (blenders). These are referred to as "cooling water near extruders", and "blender water at the Time Clock Pit", respectively in Appendix A. Each line was dyed separately; and Mr. Robinson stated that he observed the dye flow between Buildings 7 and 16 and then into and across the lagoon (see Figure 3) on both occasions; the same path as Kleer Kast's flow. According to Mr. Robinson, the flow from the extruder drains combines with that from the blender drains and heads in this direction. He estimates the total flow from the plant to be in the vicinity of 250,000 gallons/day.

To verify this we proceeded to pour dye into a drain underneath the compound extruders in Building 5, which receives the flow from the four quench baths (see facility description on next page). The dye consisted of red tablets which were mixed with water in a two and a half gallon container. The dye was first spotted outside of the extrusion process building in a loading bay (Photo 3, Appendix B) and subsequently in a second loading bay (Photo 4). Concurrently, at the rear of the plant, a backhoe was being used at the head of what looked like a lagoon

(Photo 6) to try and locate a discharge pipe. They finally broke through at a point depicted in Photo 7, and flow was spotted from a submerged pipe. Eighteen minutes later, the dye was seen flowing into and traversing the "lagoon" (Photo 9). The surface of the "lagoon", from the point where the backhoe broke through to about 90 feet outwards, in a southeasterly direction, was covered with floating debris, mud and vegetation. Dye flow was seen going past the point where the backhoe broke through and was later detected when there was no longer a layer of floating debris on the surface. The so-called "lagoon" appeared to be a drainage ditch of some sort (the term "lagoon" will be used for the remainder of this report for reasons of simplicity). Dye was then added to the other end of the "lagoon" in order to determine where the flow proceeds from there (Photo's 11, 12, 13). The dye was seen entering an unnamed stream between the facility's RR tracks and a junkyard (Figure 2, Photo 15). A small current was detected moving away from the facility's location (Photo 16) and ending abruptly at the rear of a playing field (Figure 2). Upon crossing the Erie Lackawanna tracks, a plume was detected approximately 10-15 feet into the main stream. Dye was added into the unnamed stream (Photo 17) and was detected 10 minutes later entering the main stream at the point where the plume had been previously detected (Photo's 18, 19, 20).

According to the Kleer Kast permit, the receiving water is Frank's Creek, which flows in a southerly direction and discharges into the Passaic River. According to a map of the area, the discharge is to a creek which eventually could discharge either to the Passaic or to the Hackensack Rivers. Figure(s) 3 show the location of the Ampol discharge in relation to Frank's Creek, the Passaic River, and the Hackensack River.

#### Facility Description

The facility manufactures screwdriver handles and also extrudes plastic for uses in the Kleer Kast facility. For the latter, cellulose acetate scrap is ground, combined with virgin material, and mixed with plasticizers and other additives. This material is then fed through the extruder, heated, and forced through a die to produce strands of molten plastic. The strands are drawn through a quench bath where water is circulated in a single pass through the bath and then discharged. There are four of these quench baths with hoses leading into drains in the floor.

Earlier in the day, Mr. Robinson described his blender operation, which consists of four large blenders and two small ones. Basically, cellulose acetate is plasticized with dimethyl and diethyl phthalates and pigments. The mixed material is heated to aid in the blending, and operations usually last for 1-1 1/2 hours. After the product is removed, the blender is washed down with the material heading through two pits. On the average 1200-3600 gallons are used with each wash,

with approximately 1 wash/day. This is considered to be the most contaminated operation in relation to wastewater according to Mr. Robinson. The solids tend to settle out in the first pit, which is located in the same room. The second pit is where the sample was taken by the facility and is referred to in Appendix A. According to Mr. Robinson, the solids from the first pit are carted out with the rest of the solid waste to a landfill.

Ampol has been in operation at this facility for approximately six months. Prior to this they were located in Paterson, New Jersey under the name of American Polymer. The company is owned by Plastic Management Corporation, based in California, which in turn is owned by Phil Kamins. Corporate headquarters in New Jersey are located in Paramus. According to Mr. Robinson, Plastic Management Corporation has about six or seven other facilities in New Jersey including Kleer Kast.

#### Attachments

- Figure 1 - Facility diagram
- Figure 1A - Photo identification
- Figure 2 - EPA dye test
- Figure 2A - Photo identification
- Figure(s) 3 - Location of facility and discharge
- Appendix A - Facility analysis of wastewater
- Appendix B - Photo documentation

Note: Original photos are in the possession of Phil Greco.

cc: Paul Molinari, Chief Compliance Section, EPA, NY  
Phil Greco, Environmental Scientist, EPA, NY  
Bill Tucker, Attorney, Office of Regional Council, EPA, NY  
Patricia Cane, NJDEP

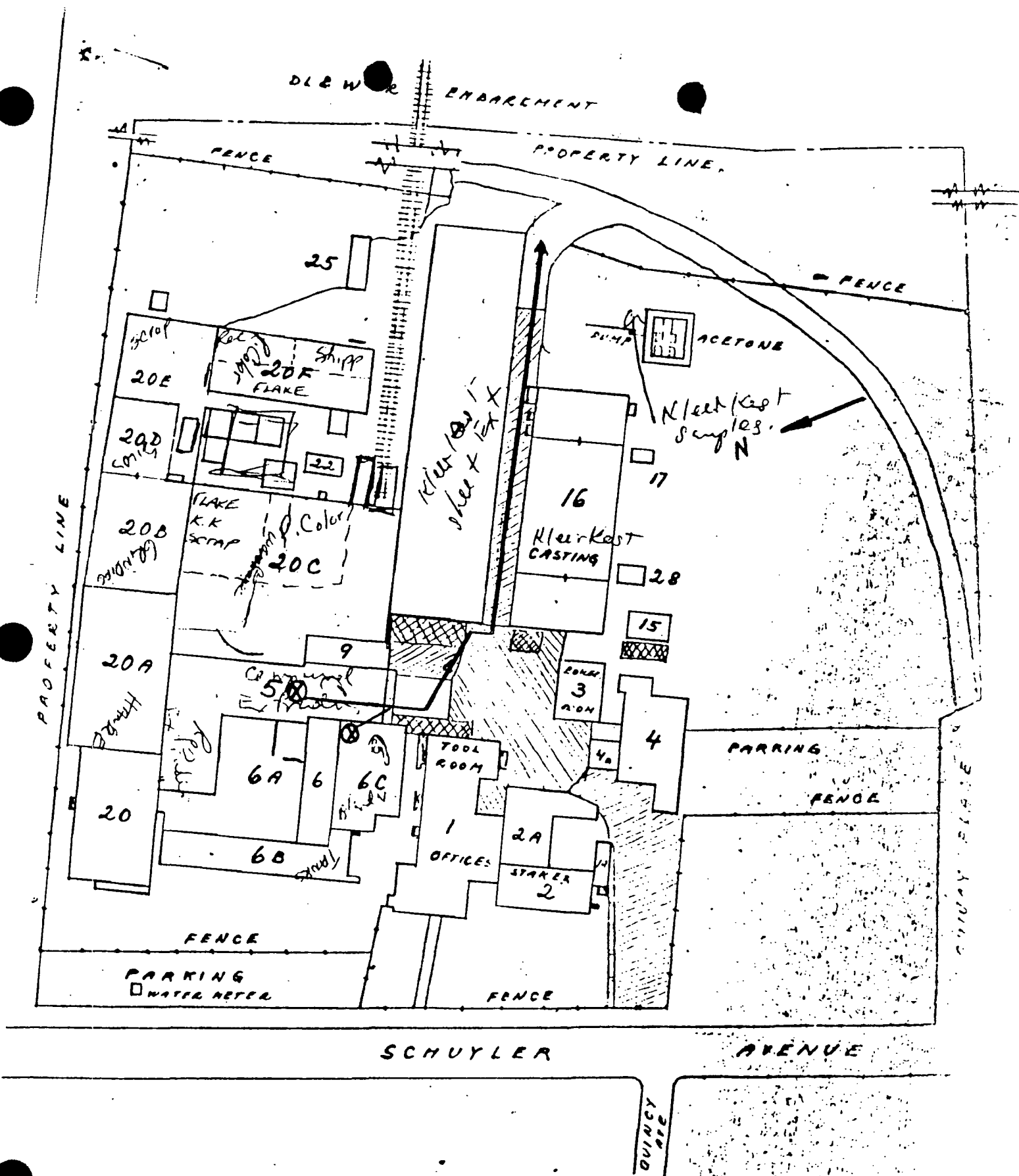


FIGURE 1 : Facility diagram  
 ⊗ - Dye addition  
 → - Dye Flow



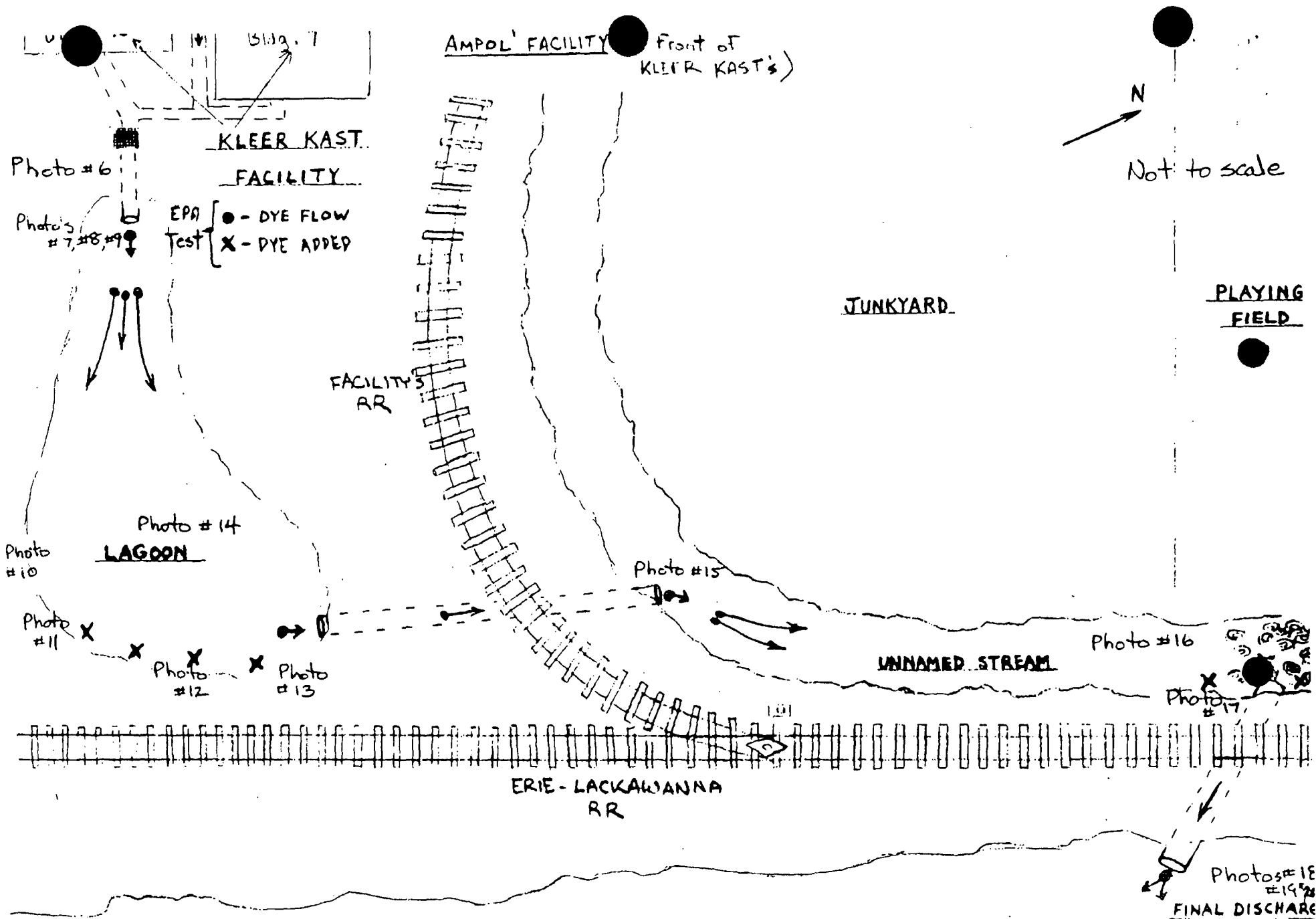
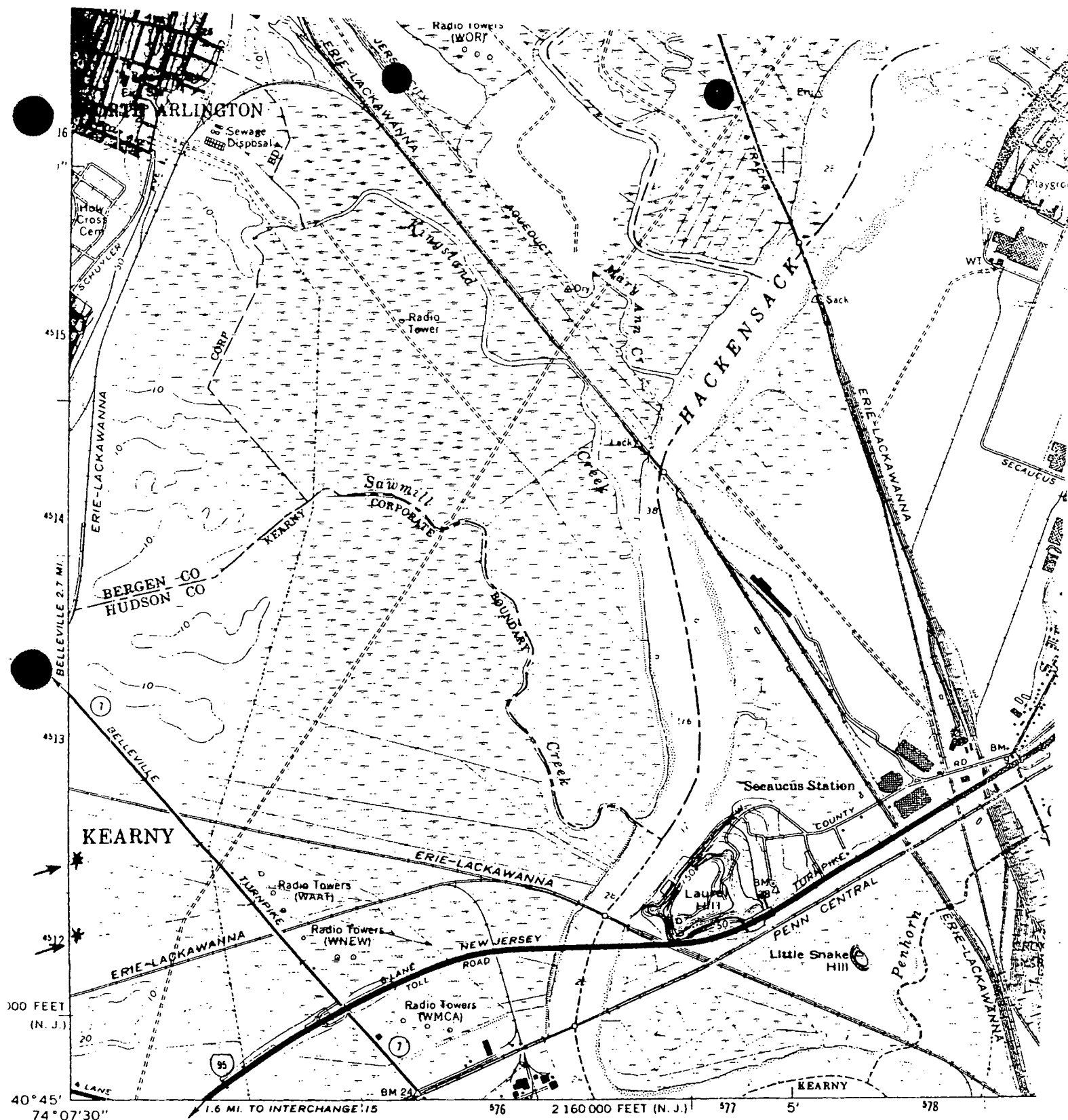


FIGURE 2a: Photo identification

UNNAMED  
MAIN STREAM







Mapped, edited, and published by the Geological Survey  
Revised in cooperation with New York Department of Transportation

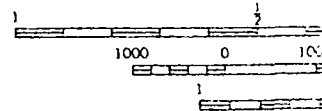
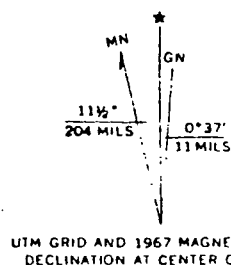
Control by USGS, USC&GS, USCE, and New Jersey Geodetic Survey

Topography by planetable surveys 1935.

Revised from aerial photographs taken 1966. Field checked 1967

Selected hydrographic data compiled from USC&GS Charts 287, 745, and 746 (1966). This information is not intended for navigational purposes

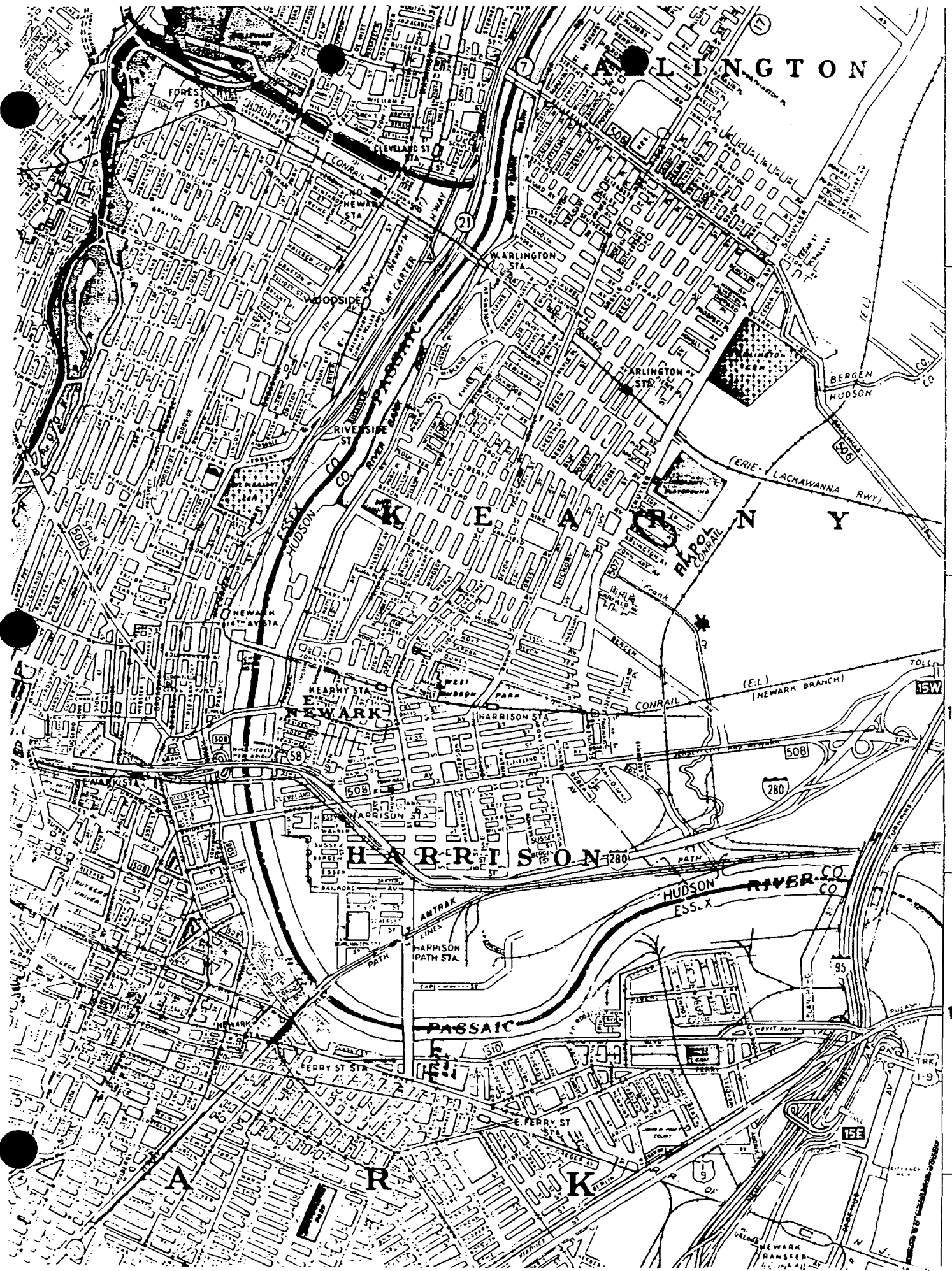
Polyconic projection. 1927 North American datum  
10,000-foot grids based on New Jersey coordinate system,  
and New York coordinate system, Long Island zone  
1000-meter Universal Transverse Mercator grid ticks,



DEPTH CURVES /  
SHORELINE SH-  
THE MEAN FA-  
AN

UTM GRID AND 1967 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

THIS MAP CC  
FOR SALE BY  
PCF 000524





DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Division of Water Resources  
Pollution Control Monitoring,  
Surveillance and Enforcement Element

PHONE CALL

REPORT OF:

VISIT

NJ0031313

File Kleen Kast

Routing TRH

In ✓ Out

Date 7/17/85

Time 11:45

Person Contacted

Mr. Edward Austin, Plant Mgr. Phone # 997-1840

Affiliation

Kleen Kast 450 Schuyler Ave Kearny, N.J.

Subject of

Visit

Report High TOC from OOI NCCW

Summary of

Visit

Mr. Austin reported his

sample results from OOI (NCCW  
for Condensate) were high in TOC  
246 mg/l. (permit limit for TOC 100 mg/l)

He asked if we could send  
a representative to help him correct their  
problem. Also he would need help  
in requesting a change in his  
TOC limits. I told him to contact  
his lab Shennel & Son for assistance  
with his TOC problem, and contact our  
permit section for a change in TOC limits.

Action Recommended

Also he must submit in writing  
to us (Trenton) of the high TOC  
effluent ~~and~~ violation.

Ronald M. Korman  
Signature



NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

REPORT OF PHONE CALL OR VISIT

Bureau or Office Metro

In ✓ Out         

Date 10/13/85 Time 2:40

File Kleer Kast

Routing Ed, PL

Person Contacted Ed Austin Phone No. 997-1880

Affiliation plant manager

Subject of Call Visit flow meters

Summary of Call Visit Last week Kleer Kast received a  
Civil Action suit from the USEPA  
for violating CWA. They must in-  
stall 24 hour monitors for flow.  
Ed would like to put them on each  
discharge line rather than at a pit  
downstream because the water table  
in the area is very high. He has tried  
to contact Phil Greco with no success  
(212-264-9879). I left a message for  
Greco at 2:50.

Austin reiterated his plea for  
HELP.

Action Recommended         

P. Cane  
Signature



NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

## REPORT OF PHONE CALL OR VISIT

Bureau or Office MetroIn ☒ Out ☐Date 11/1/85 Time 3:47File Kloor KastRouting FBN, SFF, PLPerson Contacted Charles Robinson

Phone No. \_\_\_\_\_

Affiliation Ampol/Kloor KastSubject of ☐ Call ☒ Visit Help!

Summary of ☐ Call ☒ Visit The company went to court on 10/30/85 for EPA suit. They must submit a correction scheme by 11/12/85. EPA cited them for failure to properly handle their raw production section. They have applied to PVSC for a sanitary connection. This is pending due to the separation of the NCCW from the process water. A number of contacts to engineering firms have been made.

As the company sees it, they have four approaches to take:

- 1) The increased TOC levels, of unknown cause, must be corrected to sanitary;
- 2) NCCW will be recirculated, to be used as process water to cool

G. Carne

Signature



down overall volume;

3) A pit at the discharge must be installed for flow measurement and monitoring;

4) The swamp must be dredged and the weeds cut to improve flow; and,

5) Effluent must be repiped from condensing tower, to be reused to keep w/in TOC limit (?).

I told Mr. Robinson that I could offer no opinion or advice. He must work w/ EPA. We are not consultants. Until EPA settles issues, we do not have jurisdiction.



Let's protect our earth



*File*

State of New Jersey  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
METRO BUREAU OF REGIONAL ENFORCEMENT  
2 BABCOCK PLACE  
WEST ORANGE, NEW JERSEY 07052

GEORGE G. McCANN, P.E.  
DIRECTOR

September 28, 1987

DIRK C. HOFMAN, P.E.  
DEPUTY DIRECTOR

Mr. Edward Austin  
Plant Manager  
Kleer Kast, Incorporated  
450 Schuyler Avenue  
Kearny, NJ 07032

Re: Compliance Evaluation Inspection  
Kleer Kast, Incorporated  
NJPDES No. NJ 0031313  
Kearny/Hudson County

Dear Mr. Austin:

A Compliance Evaluation Inspection of your facility was conducted by a representative of this Division on September 16, 1987.

Your facility received a rating of "ACCEPTABLE". A copy of the completed inspection report form is enclosed for your information. Please address any minor deficiencies noted therein.

This Division anticipates your continued cooperation in assisting us in the prevention and control of water pollution in New Jersey.

Very truly yours,

*Matthew D. Watson*

Matthew D. Watson  
Environmental Specialist  
Metro Bureau of  
Regional Enforcement

E11:G25

cc: Dr. Richard A. Baker, USEPA  
Mr. Paul Molinari, USEPA  
Mr. Edward Grosvenor, H.O.

Enclosure

*New Jersey Is An Equal Opportunity Employer*

PCF 000551



NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
CN 029, Trenton, N.J. 08625

## DISCHARGE SURVEILLANCE REPORT



PERMIT # NJ0031313 NO. OF DISCHARGES 001 CLASS MAT IND  
DISCHARGER KLEER KAST, INC.  
OWNER P.M.C., INC 12234 BRANFORD ST., SUN VALLEY, CA.  
MUNICIPALITY KEARNY COUNTY HUDSON WATERSHED CODE P  
LOCATION 450 SCHUYLER AVENUE  
RECEIVING WATERS FRANKS CREEK → PASSAIC RIVER STREAM CLASS SE-3  
LICENSED OPERATOR & PLANT CLASS EDWARD AUSTIN  
TRAINEE/ASSISTANT PLANT MANAGER OTHER INFO (201) 997-1880

DEFICIENCIES OR COMMENTS NONE

OVERALL RATING ☒ Acceptable ☐ Conditionally Acceptable ☐ Unacceptable

EVALUATOR MATTHEW D. WATSON TITLE ENVL SPECIALIST

INFORMATION FURNISHED BY (Name) EDWARD AUSTIN

(Title) PLANT MANAGER (Organization) KLEER KAST, INC.

DATE OF INSPECTION SEPTEMBER 16, 1987



## INDUSTRIAL TREATMENT PROCESS EVALUATION

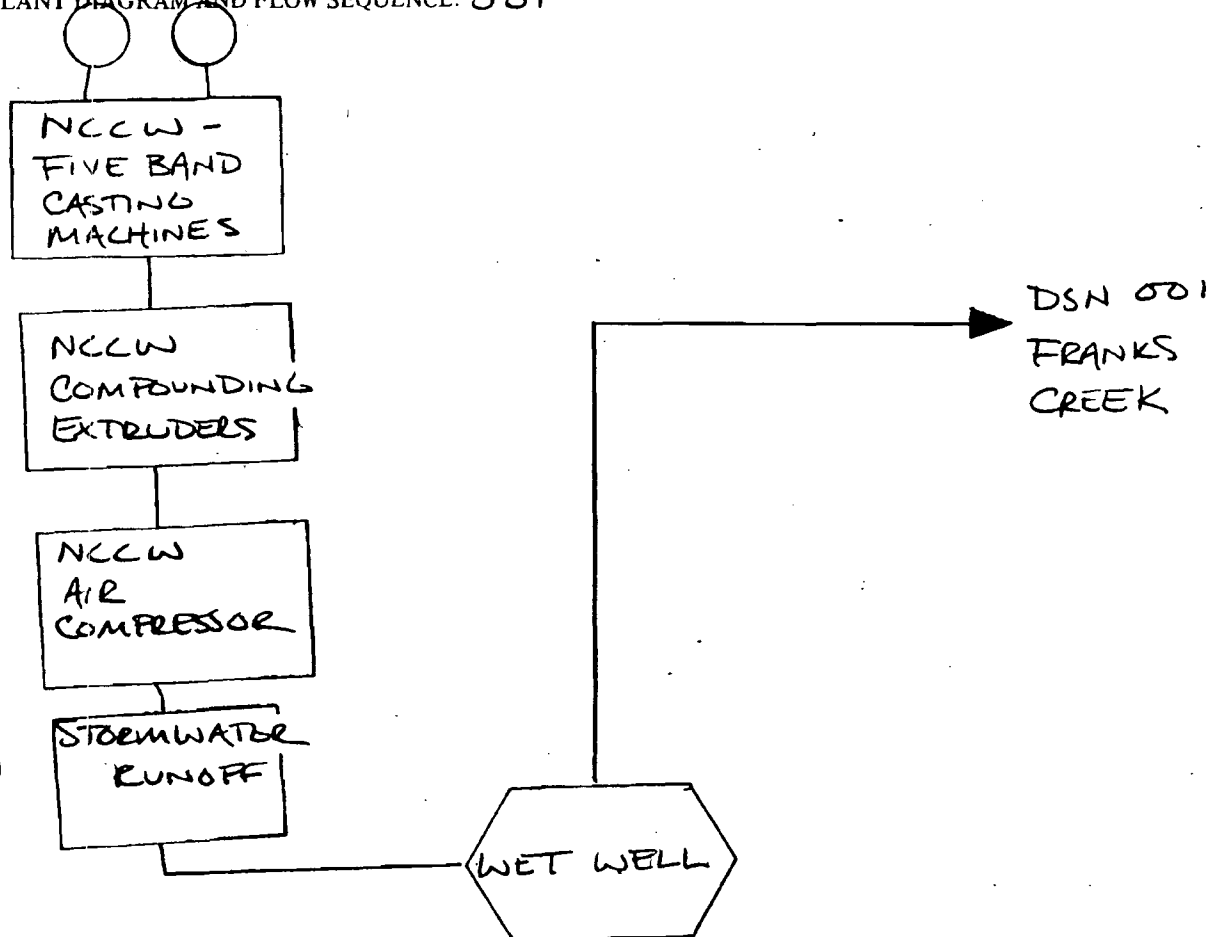
RATING CODES: S = Satisfactory M = Marginal U = Unsatisfactory NA = Not Applicable

	RATING	COMMENTS
GENERAL	DISCHARGE # DSN 001	---
	WASTEWATER SOURCE(S)	---
	CONTINUITY OF OPERATION	---
	BYPASSES/OVERFLOWS	NA
	S.P.C.C. PLAN	NA
	ALARM SYSTEMS	NA
	ALTERNATE POWER SUPPLY	NA
TREATMENT PROCESSES		
SLUDGE HANDLING		
INFORMATION	DISPOSAL SITE	NA
	FLOW METER & RECORDER	S GRAPH RECORDER
	RECORDS	S PERMIT - DMR'S
	SAMPLING PROCEDURES	COMPANY PERSONNEL
	ANALYSES PERFORMED BY	INTERNATIONAL TESTING LABS
		CERT # 07103
	ACETATE SHEETING	
	PRESS MOLDING	
	2 WELLS ON SITE	
OTHER	FINAL EFFLUENT APPEARANCE	S CLEAR
	REC. WATERS APPEARANCE	-



## DISCHARGE SURVEILLANCE REPORT

 Permit # NJ 0031313  
 Date SEPT 16, 1987

 2 WELLS  
 PLANT DIAGRAM AND FLOW SEQUENCE: 001


## DISCHARGE DATA

SOURCE: DMESPERIOD: 06/87

DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA	DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA
001	Flow	—	REPORT	—	001	Di-Ethyl Phthalate *			.0002 mg/l
001	pH	GRAB	30°C	28.9	001	Di-Methyl Phthalate *			.0006 mg/l
001	Temp	"	6.0 - 9.0	6.53	001	Di-N-Butyl Phthalate *			.016 mg/l
001	TDC	"	20 mg/l	19.6	001	Bis(2-ethylhexyl) Phthalate *			—
001	TSS	"	20 mg/l	30.8					
001	Petro HYDRO	"	15 mg/l	ND					
001	Acetone	"	REPORT mg/l *	ND					

MONITORING DEFICIENCIES: \* REPORT QUARTERLY



Let's protect our earth



*FILE*

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
METRO BUREAU OF REGIONAL ENFORCEMENT  
2 BABCOCK PLACE  
WEST ORANGE, NEW JERSEY 07052

GEORGE G. McCANN, P.E.  
DIRECTOR

DIRK C. HOFMAN, P.E.  
DEPUTY DIRECTOR

March 28, 1988

Mr. Larry Caso, General Manager  
Kleer Kast, Inc.  
450 Schuyler Avenue  
Kearny, NJ 07032

Re: Compliance Evaluation Inspection  
Kleer Kast Inc.  
NJPDES No. NJ 0031313  
Kearny/Hudson County

Dear Mr. Caso:

A Compliance Evaluation Inspection of your facility was conducted by a representative of this Division on February 16, 1988.

Your facility received a rating of "ACCEPTABLE". A copy of the completed inspection report form is enclosed for your information. Please address any minor deficiencies noted therein.

This Division anticipates your continued cooperation in assisting us in the prevention and control of water pollution in New Jersey.

Very truly yours,

Richard White  
Environmental Compliance  
Investigator  
Metro Bureau of  
Regional Enforcement

A53:G26

C: Dr. Richard A. Baker, USEPA  
Mr. Paul Molinari, USEPA  
Mr. Edward Grosvenor

bc: Zaheer Hussain





NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
CN 029, Trenton, N.J. 08625



## DISCHARGE SURVEILLANCE REPORT

PERMIT # NJ0031313 NO. OF DISCHARGES 001 CLASS MAS-LVD  
DISCHARGER KLEER KAST, Inc  
OWNER P.M.C. Inc., 12234 BRANFORD STREET  
SUN VALLEY, CA 91352  
MUNICIPALITY KEARNY COUNTY HUDSON WATERSHED CODE P  
LOCATION 450 SCHUYLER AVENUE  
RECEIVING WATERS FRANKS CREEK + PASSAIC RIVER STREAM CLASS SE3  
LICENSED OPERATOR & PLANT CLASS MR. EDWARD AUSTIN  
TRAINEE/ASSISTANT PLANT MANAGER OTHER INFO. 927-1886

DEFICIENCIES OR COMMENTS

- NONE -

OVERALL RATING



Acceptable



Conditionally Acceptable



Unacceptable

EVALUATOR

RICHARD WHITE

TITLE

ENVIRONMENTAL COMPLIANCE INVESTIGATOR

INFORMATION FURNISHED BY

(Name)

MR. LARRY CASO

(Title)

GENERAL MANAGER

(Organization)

KLEER KAST, Inc.

DATE OF INSPECTION

FEBRUARY 16, 1988



N.J.D.E.P.  
D.W.R.

DISCHARGE SURVEILLANCE REPORT



Page 2 of 3 (I)  
Permit #: NJ003131  
Date: 2/16/80

INDUSTRIAL TREATMENT PROCESS EVALUATION		
RATING CODES: S = Satisfactory M = Marginal U = Unsatisfactory NA = Not Applicable		
	RATING	COMMENTS
GENERAL	DISCHARGE #	001
	WASTEWATER SOURCE(S)	---
	CONTINUITY OF OPERATION	---
	BYPASSES/OVERFLOWS	N/A
	S.P.C.C. PLAN	N/A
	ALARM SYSTEMS	N/A
TREATMENT PROCESSES	ALTERNATE POWER SUPPLY	N/A
SLUDGE HANDLING		
DISPOSAL SITE		
FLOW METER & RECORDER		
RECORDS		
SAMPLING PROCEDURES		
ANALYSES PERFORMED BY		
OTHER		
FINAL EFFLUENT APPEARENCE		
REC. WATERS APPEARENCE		

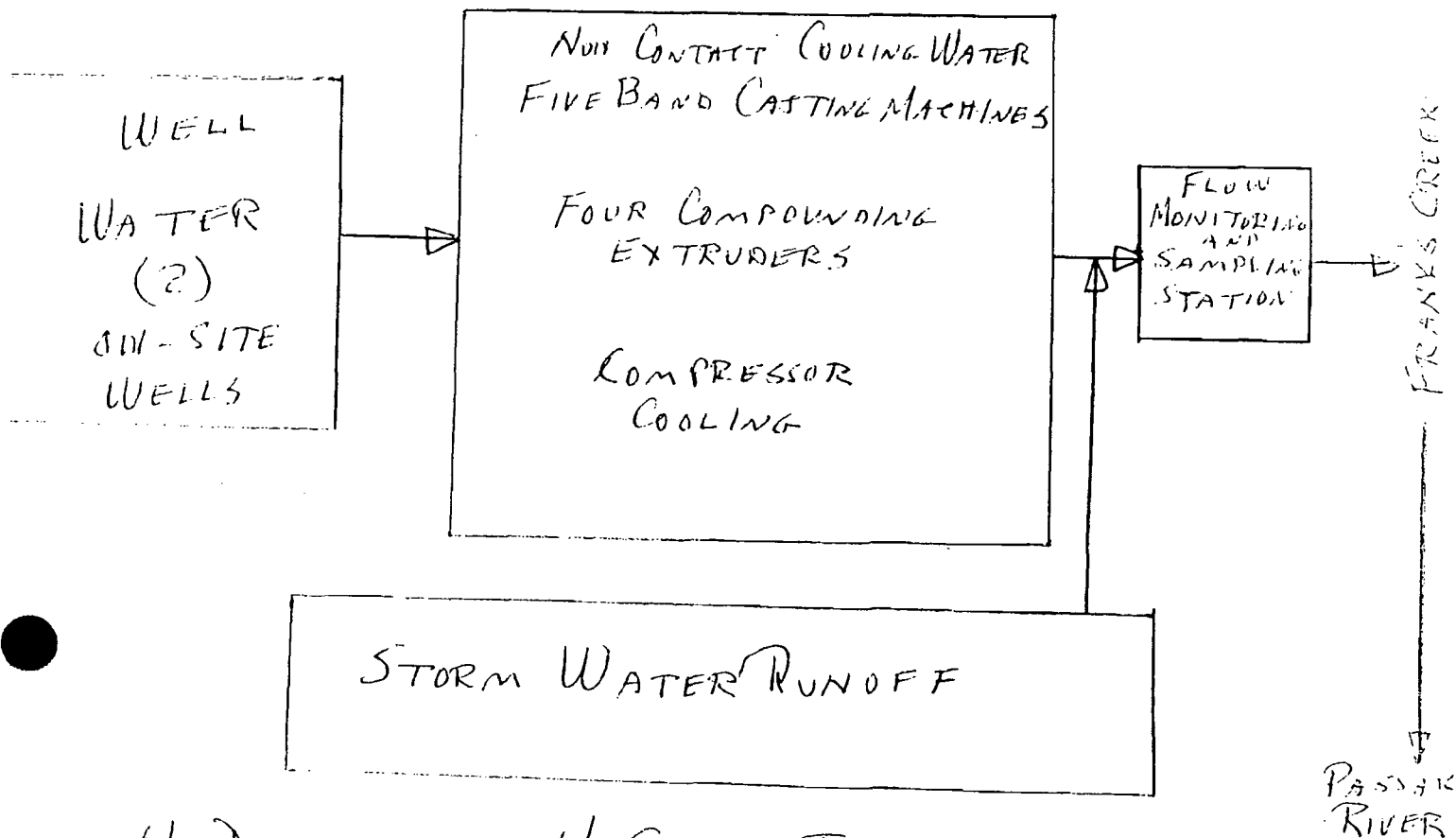


## DISCHARGE SURVEILLANCE REPORT

Permit # NJ0031313

Date 2/16/88

## PLANT DIAGRAM AND FLOW SEQUENCE:



- No DISCHARGE -- No SAMPLES TAKEN -

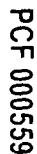
## DISCHARGE DATA

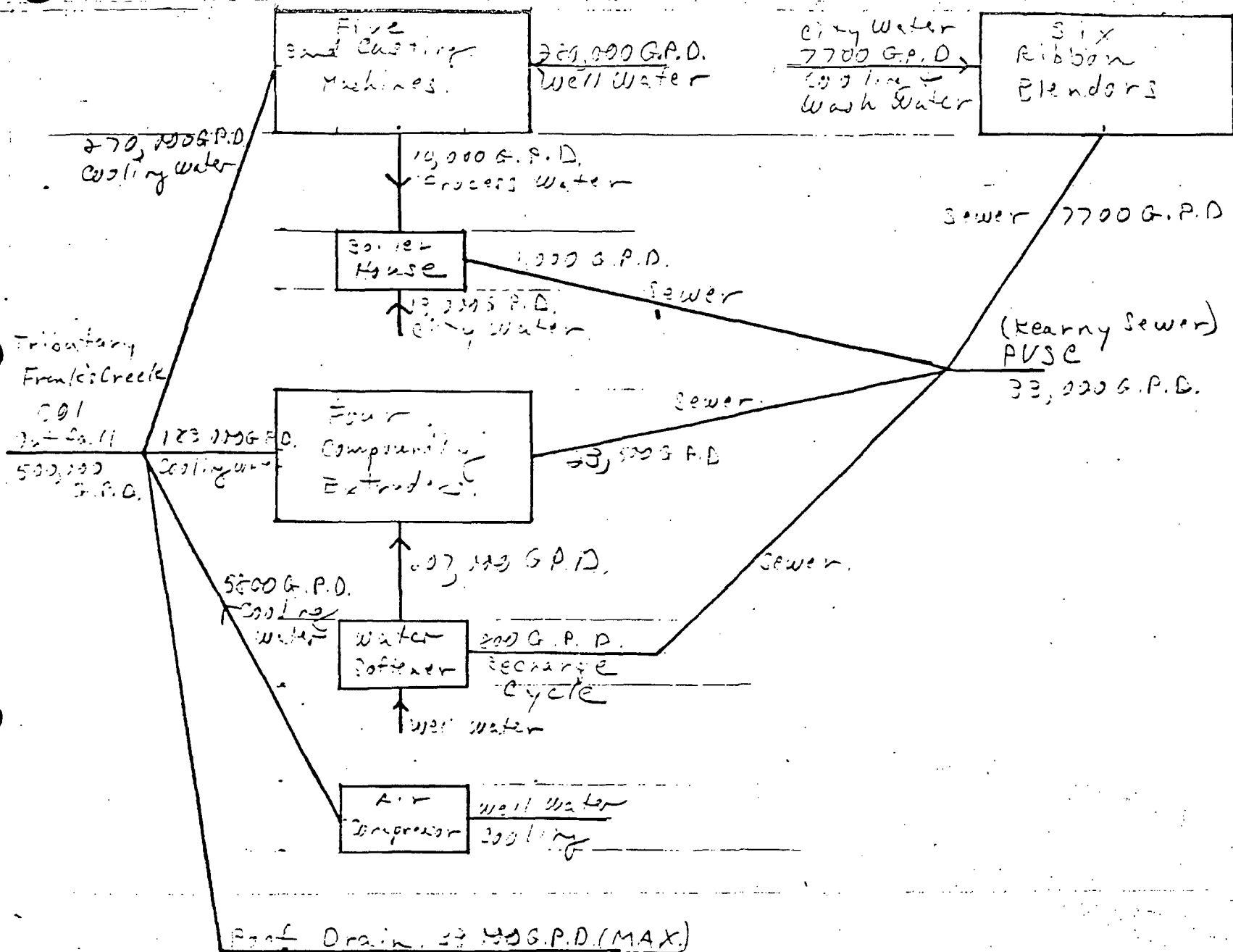
SOURCE: \_\_\_\_\_

PERIOD: \_\_\_\_\_

DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA	DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA
001	pH	GRAB	6-9	—					
"	TEMP	"	30°	—					
"	TOC	"	20	—					
"	TSS	"	20	—					
"	Petroleum HAPs	"	15	—					

MONITORING DEFICIENCIES: \_\_\_\_\_





(May be ~~and~~ ~~and~~ ~~and~~ !)

on Contact Cooling Water

- 5,800 GPD Compressor
- 50,000 GPD Roof Drains
- 83,000 GPD Compounders
- 4,050 GPD Blender Cooling

CHARACTERS

Flow Monitoring and Sampling Station

Total Water Out Fall

513,000 GPD Non-Contact Water

FENCE

Five Compounders

Even Ribbon Blenders

Band Casting Non-Contact Water Injection

270,000 GPD Non-Contact Cooling Water

PROPERTY LINE

Five Band Casting Machines

assaic Valley Sewer Water

- 3,000 GPD Compounder
- Contact Cooling Water
- 4,400 GPD Blender Wash Water

Band Casting Contact Water Recycled for Boiler Water Make-Up

10,000 GPD Contact Water Upgraded Industrial Waste Sewer Line

FENCE

PARKING  
WATER METER

FENCE

SCHUYLER

AVENUE

Ampol

KleerKast

450 Schuyler Ave. • Kearny, N.J. 07032  
(201) 997-1880

Proposed Waste Water Disposal  
2/1/86

PCF 000561

## INSPECTION TRANSMITTAL SHEET

Facility Name Kleer Kast, IncorporatedFacility NPDES # NJ 0031313Date(s) of Inspection May 11-12, 1988

## Type of Inspection (Check One)

- ☐ Compliance Evaluation  
☐ Sampling (<24 Hours)  
☒ 24-Hour Compliance Sampling  
☐ 7-Day Sampling  
☐ 30-Day Sampling  
☐ Performance Audit  
☐ Priority Pollutant Survey  
☐ Biomonitoring  
☐ Other (Specify)

## Inspector (Check One)

EPA Lead ☒ , Joint EPA Lead ☐ , Joint State Lead ☐

## Type of Facility (Check One)

- ☒ Municipal  
☐ Industrial  
☐ Federal  
☐ Other (Specify)

Quality Assurance Based? NoDMR Based? NoPSC Major ☒ Minor ☐

Has a hard copy of this inspection been previously sent?

Yes ☐ No ☒

## Estimated Status:

- ☒ No Deficiencies/Violations Found.  
☐ Minor/Moderate Deficiencies/Violations  
☐ Serious Deficiencies/Violations (enforcement action recommended)

Comments Some minor self-monitoring problems foundDate November 22, 1988Signature Michael HlogorePhone # 340-6661 FTS  
(201) 321 6661





PERFORMANCE AUDIT INSPECTION REPORT

Kleer Kast, Incorporated  
450 Schulyer Avenue  
Kearny, New Jersey

NJ 003 1313

May 11-12, 1988

**Participating Personnel:**

U.S. Environmental Protection Agency  
Michael Glogower, Life Scientist  
Diane Stefanski, Environmental Engineer  
Trevor Anderson, Environmental Engineer

Kleer Kast Incorporated  
Larry Caso, General Manager  
Ed Austin, Department Supervisor

**Report Prepared by:**

Michael Glogower 11/22/88  
Michael Glogower, Life Scientist

**Approved for the Director by:**

Richard D. Spear 11/29/88  
Richard D. Spear, Chief  
Surveillance and Monitoring Branch

## Report

### Objective

On May 11-12, 1988, a Compliance Monitoring/Sampling Inspection was performed at Kleer Kast, Incorporated in order to determine if the permittee is in compliance with the effluent limitations and requirements and of NPDES/NJPDES permit number NJ 003 1313. The permit went into effect on March 1, 1987, and expires on February 28, 1992.

### Facility Description

The Kleer Kast, Incorporated facility has been located at 450 Schulyer Avenue in Kearny, New Jersey, since 1971. The plant operates seven (7) days a week, 24-hours per day, and employs about 35 people. Scheduled plant shutdowns normally occur during July.

The facility manufactures cellulose acetate sheets using a solvent band casting operation. The process involves mixing ground-up scrap and virgin cellulose acetate and acetone. The slurry is fed onto an endless stainless steel belt where the sheets are cast. The sheets are passed over and through rollers, and then into a drying oven, where the acetone is evaporated. This cellulose acetate film is rolled onto spools, that are cut, sorted and stored for distribution.

This process utilizes an on-site acetone recovery system that conveys the acetone vapors through a fiberglass filter and then three (3) carbon absorbers. Steam is injected into the carbon absorbers which removes the acetone from the carbon. The resulting liquid is sent to a settling tank before being conveyed to a packed tower distillation column. The recovered acetone is condensed at the top of the column and sent to a storage tank for reuse in the manufacturing process. The water/steam used in the acetone recovery process (i.e. the still bottoms) is sent to the Passaic Valley Sewerage Commissioners (PVSC) wastewater treatment plant. About 90 percent of the acetone is recovered for reuse with this system. The carbon in the absorbers is replaced after the second or third year of use.

The other product manufactured at the facility is pelletized cellulose acetate. This is made with 90 percent virgin cellulose acetate that is mixed with pigment and a plasticizer. The mixture is fed through a feed hopper to an extruder that produces continuous strands of molten plastic. The strands are drawn through a quench tank that contains contact cooling water. The solidified strands are pelletized, then bagged or drummed, and are sold as product primarily to toy manufacturers.

### Water and Wastewater

On-site well water is used untreated for the condensers and for the quench tank (contact cooling water). City supplied water is used for sanitary uses. Wastewater from the distillation column is softened and is used for boiler make-up water.

Sanitary wastewater, is metered and pumped to the town of Kearny wastewater treatment plant. Contact cooling water, water from roof drains, and boiler blowdown (twice annually), and the condensate from the carbon absorbers used for the acetone regeneration process, is sent to the PVSC treatment facility. The facility also maintains a discharge of wastewater, via Outfall 001A, to Frank's Creek. The discharge is composed of non-contact cooling water. Flow from this outfall is monitored with a Marsh-McBirney flow meter that is serviced twice a year.

### The Sampling Survey

Samples from Outfall 001A were taken from a pit (referred to as the 'J-9' pit) for total and fecal coliform bacteria, volatile and non-volatile organic compounds, petroleum hydrocarbons, total suspended solids (TSS), total organic carbon (TOC), temperature, pH, turbidity and dissolved oxygen. The samples taken were all grab samples, except for TSS, turbidity and TOC, which were taken as 24-hour composite samples with an ISCO automatic sampler that was programmed to take a portion of the composite sample every 15 minutes. Samples for pH, temperature and dissolved oxygen were analyzed on-site. All samples were taken, preserved and analyzed using EPA approved procedures, as specified in the permit, and in 40 CFR Part 136.

### Findings and Conclusions

Table 1 (attached) presents a comparison of the effluent limits of the permit with the pollutant levels found in the wastewater discharge from Outfall 001A. The data shows that the discharge was in compliance with the effluent limits of the permit.

The discharge, however, did contain three (3) volatile organic compounds that are not specifically regulated under the effluent limitations and monitoring requirements of this permit. The compounds were trichloroethylene (at 89.2 parts per billion (ug/l)), 1,1,-Trans dichloroethylene (at 6.83 ug/l) and chloroform (at 4.01 ug/l). Under Part II of the permit the permittee is required to report a discharge if it exceeds the "notification level" for toxic pollutants of 100 ug/l. The discharge did approach the notification level. The permittee appears to be in compliance with the Best Management Practices requirements of the permit.

Finally, as part of this inspection the permittees sampling, sample preservation, and on-site analytical procedures were reviewed. The following discrepancies were found regarding proper procedures:

1. The analysis of the pH sample was not being performed immediately ( i.e. within 15 minutes) after sampling, as required by 40 CFR Part 136.
2. The TOC and petroleum hydrocarbon samples were not being preserved immediately with sulfuric acid to a pH of less than 2.0 standard units.

Table 1

A Comparison of the Permit Limitations for  
Outfall 001A with the Pollutant Levels  
Found in the Kleer Kast, Inc. Discharge  
(May 11-12, 1988)

Parameter	Permit Limitations Daily Maximum	Outfall 001A Sample Value
Flow (MGD)	N/A	0.161 MGD
pH (SU)	6.0 to 9.0 (range)	7.0 to 7.4 SU
Temperature (°C)	30 °C	22 °C
TOC (mg/l)	20 mg/l	1.0 mg/l
TSS (mg/l)	20 mg/l	4.0 mg/l
Petroleum hydrocarbons (mg/l)	15 mg/l	1.0 mg/l

The following parameters are listed in the NPDES/NJPDES permit as being "New Jersey Water Quality Requirements"

Dissolved oxygen (mg/l)	greater than 3.0 mg/l	5.5 mg/l
Fecal coliform (MPN)	1500 colonies/100 ml	63 /100 ml
Turbidity (NTU)	30 NTU	0.2 NTU

Under Part II of the permit, the discharge of any toxic pollutant is subject to a "notification level" requirement. The following volatile organics were detected:

Trichloroethylene	100 ug/l	89.2 ug/l
1,2 Trans Dichloroethylene	"	6.83 ug/l
Chloroform	"	4.01 ug/l

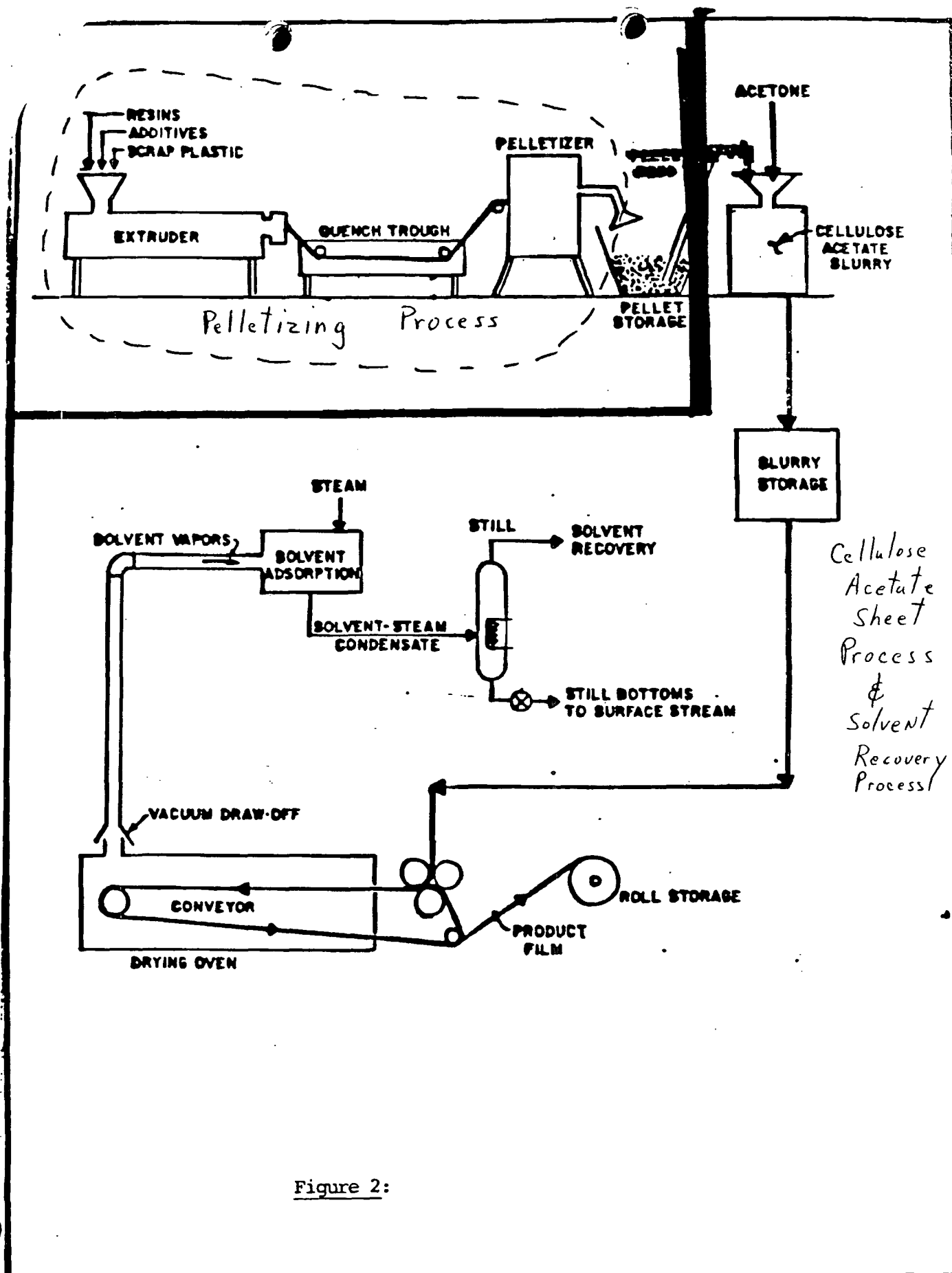
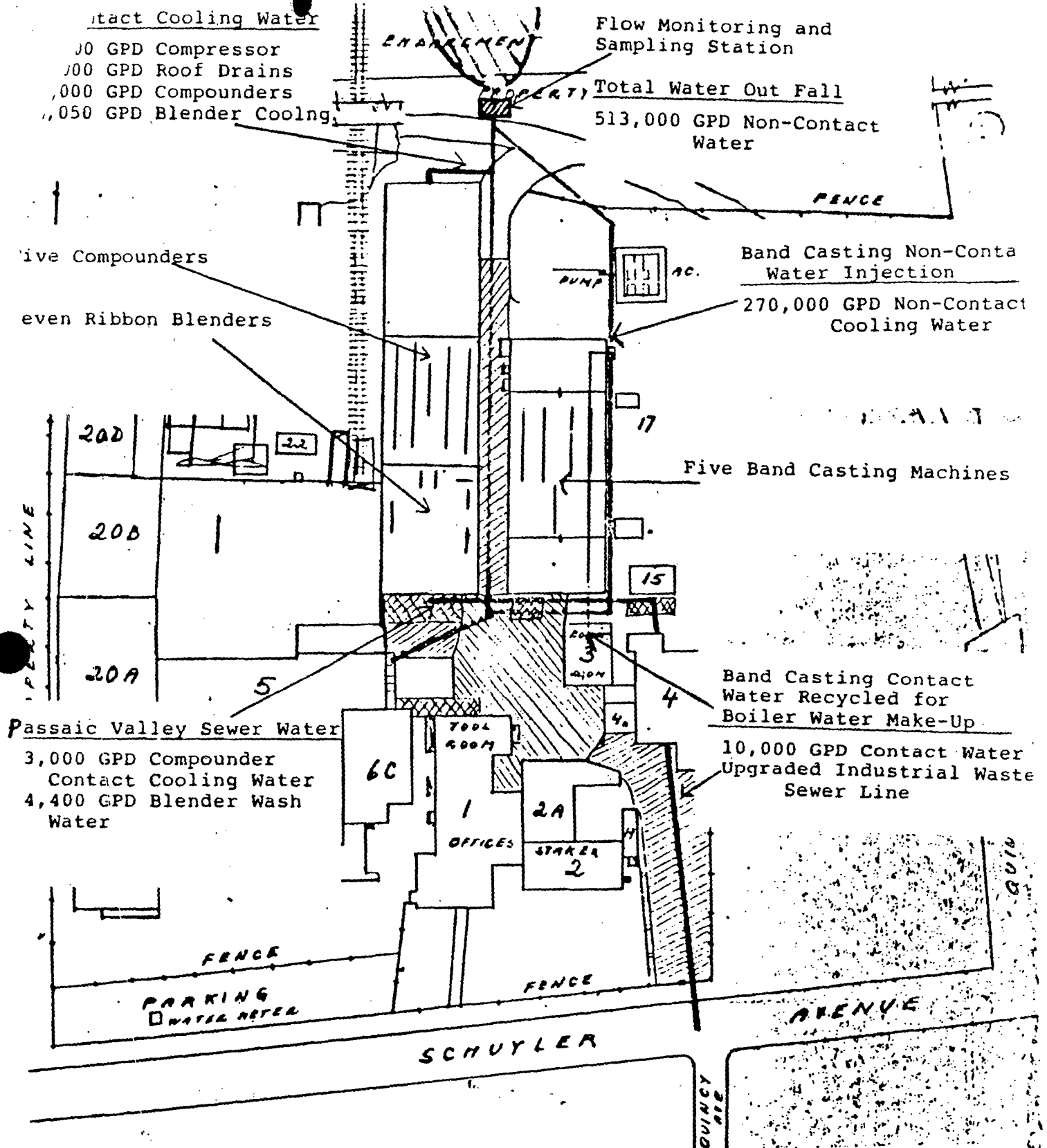


Figure 2:



Proposed Waste Water Disposal  
 2/1/86

Ampol

KleerKast







NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
CN 029, Trenton, N.J. 08625

## DISCHARGE SURVEILLANCE REPORT



PERMIT # NJ0031313 NO. OF DISCHARGES 001 CLASS Maj - Ind  
DISCHARGER Kleer Kast Inc.  
OWNER P. M. C. Inc. 12234 Bradford St. Sun Valley CA 94352  
MUNICIPALITY Kearny COUNTY Hudson WATERSHED CODE P  
LOCATION 450 Schuyler Avenue  
RECEIVING WATERS Frank's Creek → Passaic R. STREAM CLASS SE3  
LICENSED OPERATOR & PLANT CLASS Mr. Edward Austin  
TRAINEE/ASSISTANT \_\_\_\_\_ OTHER INFO. 997-1880

DEFICIENCIES OR COMMENTS ① DMR's for August, 1987 and May and July, 1988 revealed that the facility exceeded effluent limitations at DSN 001 for Total Suspended Solids concentration in violation of Part III - B/C, Page 1 of 4 of NSPDES Permit No. NJ0031313 as detailed on page 3 of this report. ② Permittee must request the Department to modify the permit to include the storm water runoff. ③ Containment area around acetone storage may need repair to comply with BMP plan. ④ Hoses containing condensate must be repaired. ⑤ DMR's must be completed properly as discussed during the inspection.

OVERALL RATING ☐ Acceptable ☐ Conditionally Acceptable ☒ Unacceptable

EVALUATOR Kathleen Beyer TITLE Environmental Specialist  
Helen Wright TITLE Environmental Compliance Investigator  
INFORMATION FURNISHED BY (Name) Mr. Edward Austin  
(Title) Plant Manager (Organization) Kleer Kast, Inc.

DATE OF INSPECTION September 13, 1988



N.J.D.E.P.  
D.W.R.

DISCHARGE SURVEILLANCE REPORT



Page 2 of 3 (J)

Permit #: NJ0031313

Date: Sept. 13, 1988

Kleer Kust

INDUSTRIAL TREATMENT PROCESS EVALUATION

RATING CODES: S = Satisfactory M = Marginal U = Unsatisfactory NA = Not Applicable

	RATING	COMMENTS
GENERAL	DISCHARGE #	001
	WASTEWATER SOURCE(S)	---
	CONTINUITY OF OPERATION	---
	BYPASSES/OVERFLOWS	N/A
	S.P.C.C. PLAN	
	ALARM SYSTEMS	NA
	ALTERNATE POWER SUPPLY	NA
TREATMENT PROCESSES		
SLUDGE HANDLING		
INFORMATION		
OTHER		

UST:

15,000 gal Fuel oil #6

UST Register No. 0021511

DISPOSAL SITE

NA

FLOW METER & RECORDER

S

Flow meter and recorder Flow at Insp: 110,000 GPM

RECORDS

S

Permit, DMR's Note: DMR's must be properly completed.

SAMPLING PROCEDURES

S

Company Personnel

ANALYSES PERFORMED BY

S

Accredited Labs, Inc. Carteret

Cert. # 12486

Acetate Sheet Manufacturing

Physical Connection Permit

# 506

2 wells on site

40 Employees

FINAL EFFLUENT APPEARANCE

-

Clear

REC. WATERS APPEARANCE

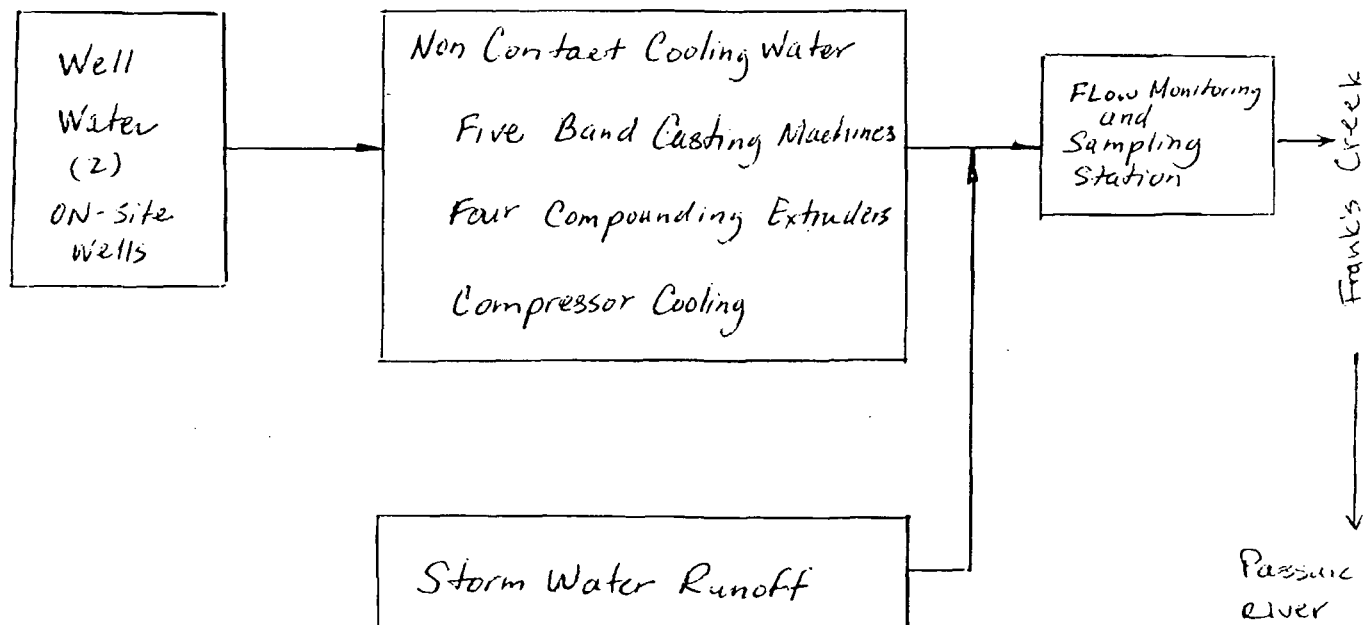
NI



## DISCHARGE SURVEILLANCE REPORT

Permit # NJ0031313Date Sept. 13, 1988Kleer Kast

## PLANT DIAGRAM AND FLOW SEQUENCE:

No Samples Taken

## DISCHARGE DATA

SOURCE: DMR'sPERIOD: August 1987 → August 1988 (Monthly DMR's)

DIS	PARA	Date	PERMIT LIMITS	Violations	DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA
001	TSS	8/87	20mg/l	30.8mg/l					
001	TSS	5/88	20mg/l	41 mg/l					
001	TSS	7/88	20mg/l	80.8mg/l					

MONITORING DEFICIENCIES: \_\_\_\_\_





United States Environmental Protection Agency  
Washington, D. C. 20460

# NPDES Compliance Inspection Report

Form Approved  
OMB No. 2040-0003  
Approval Expires 7-31-85

## Section A: National Data System Coding

Transaction Code 1N 25	NPDES 3NJ003131311	yr/mo/day 12/8/80 5/1/17	Inspection Type 18S	Inspector 19R	Fac Type 202
Remarks S n o					
Reserved 67	Facility Evaluation Rating 69	BI 71	QA 72	Reserved 73 74	Reserved 75 76 77 78 79 80

## Section B: Facility Data

Name and Location of Facility Inspected Kleer Kast, Incorporated 450 Schulyer Avenue Kearny, New Jersey 07032		Entry Time <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM 1015	Permit Effective Date 3/1/87
Exit Time/Date 205 pm 5/12/88		Permit Expiration Date 2/28/92	
Name(s) of On-Site Representative(s) Larry Caso Ed Austin		Title(s) General Manager Department Supervisor	Phone No(s) (201) 998-4888
Name, Address of Responsible Official Larry Caso		Title General Manager	Phone No. (201) 998 4888
		Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

## Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	N	Pretreatment	N	Operations & Maintenance
S	Records/Reports	N	Laboratory	S	Compliance Schedules	S	Sludge Disposal
S	Facility Site Review	S	Effluent/Receiving Waters	M	Self-Monitoring Program	U	Other: SAMPLING

## Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

See attached report

Name(s) and Signature(s) of Inspector(s) Michael Hlogover	Agency/Office/Telephone US EPA/ESD 201 321 6661	Date 11/22/88
Signature of Reviewer	Agency/Office	Date
Regulatory Office Use Only		
Action Taken	Date	Compliance Status <input type="checkbox"/> Noncompliance <input type="checkbox"/> Compliance

## COMPLETED ANALYSIS REPORT

REPORT DATE: 88/11/09

PROJECT NO: 357

PROJECT NAME: KLEER KAST

## EXPLANATIONS OF REMARK CODES

REMARK CODE	EXPLANATION
J	RESULTS BASED UPON COLONY COUNTS OUTSIDE ACCEPTABLE RANGE
K	ESTIMATED VALUE
L	ACTUAL VALUE KNOWN TO BE LESS THAN VALUE GIVEN
M	ACTUAL VALUE KNOWN TO BE GREATER THAN VALUE GIVEN
N	PRESENCE OF MATERIAL VERIFIED BUT NOT QUANTIFIED
O	SAMPLED BUT NOT ANALYZED DUE TO LAB ACCIDENT
P	REPORTED VALUE LESS THAN CRITERIA OF DETECTION
U	MATERIAL ANALYZED FOR, BUT NOT DETECTED

## QA/QC REMARK CODES

CODE	EXPLANATION
JA	ACCURACY CHECK SAMPLE ABOVE UPPER ACCEPTANCE LIMIT
JB	ACCURACY CHECK SAMPLE BELOW LOWER ACCEPTANCE LIMIT
JC	PRECISION OF CALIBRATION CURVE LESS THAN ACCEPTANCE CRITERIA
JG	CONTINUING CALIBRATION CHECK DOES NOT MEET ACCEPTANCE CRITERIA
JA	SPIKE RECOVERIES ABOVE UPPER ACCEPTANCE LIMIT
JB	SPIKE RECOVERIES BELOW LOWER ACCEPTANCE LIMIT
JF	SAMPLE REPLICATE PRECISION DOES NOT MEET ACCEPTANCE CRITERIA
JH	RECOMMENDED HOLDING TIMES EXCEEDED
JT	TENTATIVELY IDENTIFIED COMPOUND
JB	BLANK CONTAMINATED BY ANALYTE IN EXCESS OF ACCEPTANCE CRITERIA

LOCATION CODES FOR IDENTIFICATION OF SAMPLING POINTS AT INDUSTRIAL /  
SANITARY FACILITIES, LANDFILLS, HAZARDOUS WASTE SITES.

CODE AND RVS	SAMPLING POINTS
1001 - 1050	EFFLUENT PIPE NUMBER 001 TO 050
1051 - 1099	OTHER EFFLUENTS SUCH AS COOLING TOWER DISCHARGE, DISCHARGE FROM HOLDING PONDS, ETC...
1100 - 1245	IN PLANT SAMPLES
1246 - 1299	SEPARATE INFLUENT POINTS/WATER SOURCES
10XX	INFLUENT ASSOCIATED WITH EFFLUENT 10XX
2000	BLANK FOR VOLATILE ORGANICS
3000 - 3099	GROUND WATER FROM WELL 01 TO 99
3100 - 3199	SEDIMENT SAMPLE (WATER BOTTOM)
3200 - 3299	SOIL SAMPLE
3300 - 3399	STREAM WATER SAMPLE
3400 - 3499	LAGOON SAMPLE
3500 - 3599	STORAGE TANK SAMPLE
3600 - 3699	LEACHATE SAMPLE
3700 - 3799	OTHER TYPE SAMPLE

## COMPLETED ANALYSIS REPORT

REPORT DATE: ..

PROJECT NO: 337

PROJECT NAME: KLEER KAST

STATION NO	DATE	TIME	LAB NO	PAR NO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
	TO	DAY							

NJ0051315 08/05/11 1120

LOCATION CODE: 1001 SUBSTRATE: AQUEOUS

DESCRIPTION: BULK 001

084714 45501 PETRO. HYDROCARBONS IR MG/L TOT REC 1.0 U

NJ0051315 08/05/11 1230

COMPOSITE 08/05/11 1140

LOCATION CODE: 1001 SUBSTRATE: AQUEOUS

DESCRIPTION: BULK 001 EFFLUENT

089715 34586	2-CHLOROPHENOL	UG/L	TOTAL	3.3 U
34591	2-NITROPHENOL	UG/L	TOTAL	3.6 U
34694	PHENOL	UG/L	TOTAL	1.5 U
34606	2,4-DIMETHYLPHENOL	UG/L	TOTAL	2.7 U
34601	2,4-DICHLOROPHENOL	UG/L	TOTAL	2.7 U
34621	2,4,6-TRICHLOROPHENOL	UG/L	TOTAL	2.7 U
34657	P-CHLORO-M-CRESOL	UG/L	TOTAL	3.0 U
34616	2,4-DINITROPHENOL	UG/L	TOTAL	42 U
34657	4,6-DINITRO-M-CRESOL	UG/L	TOTAL	24 U
39032	PENTACHLOROPHENOL	UG/L	TOTAL	3.6 U
34646	4-NITROPHENOL	UG/L	TOTAL	2.4 U
34565	1,3-DICHLOROBENZENE	UG/L	TOTAL	1.9 U
34671	1,4-DICHLOROBENZENE	UG/L	TOTAL	4.4 U
34536	1,2-DICHLOROBENZENE	UG/L	TOTAL	1.9 U
34296	HEXACHLOROETHANE	UG/L	TOTAL	1.6 U
39702	HEXACHLOROBUTADIENE	UG/L	TOTAL	0.9 U
34551	1,2,4-TRICHLOROBENZENE	UG/L	TOTAL	1.9 U
34696	NAPHTHALENE	UG/L	TOTAL	1.6 U
34273	BIS(2-CHLOROETHYL) ET.	UG/L	TOTAL	5.7 U
34278	BIS(2-CHLOROETHOXY) METH.	UG/L	TOTAL	5.3 U
34408	ISOPHORONE	UG/L	TOTAL	2.2 U
34447	NITROBENZENE	UG/L	TOTAL	1.9 U
34422	N-NITROSODI-N-PROPYLAMINE	UG/L	TOTAL	U
34433	N-NITROSODIPHENYLAMINE	UG/L	TOTAL	1.9 U
34293	BIS(2-CHLOROISOPROPYL) ET.	UG/L	TOTAL	5.7 U
34386	HEXACHLOROCYCLOPENTADIENE	UG/L	TOTAL	U
34381	2-CHLORONAPHTHALENE	UG/L	TOTAL	1.9 U
34200	ACENAPHTHYLENE	UG/L	TOTAL	3.5 U
34205	ACENAPHTHENE	UG/L	TOTAL	1.9 U
34381	FLOURENE	UG/L	TOTAL	1.9 U
32700	HEXACHLOROBENZENE	UG/L	TOTAL	1.9 U
34636	4-BROMOPHENYL PHENYL ET.	UG/L	TOTAL	1.9 U
34651	PHENANTHRENE	UG/L	TOTAL	5.4 U
34220	ANTHRACENE	UG/L	TOTAL	1.9 U

## COMPLETED ANALYSIS REPORT

REPORT DATE:

PROJECT NO: 357

PROJECT NAME: KLEER KAST

STATION NO	DATE TIME	TIME DAY	LAB NO	PAR NO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
			089715	34341	DIMETHYL PHTHALATE	UG/L	TOTAL	1.6 U	
				34336	DIETHYL PHTHALATE	UG/L	TOTAL	0.4 U	
				39110	DI-N-BUTYLPHTHALATE	UG/L	TOTAL	2.5 U	
				34222	BUTYL BENZYL PHTHALATE	UG/L	TOTAL	2.5 U	
				34596	DI-N-OCTYL PHTHALATE	UG/L	TOTAL	2.5 U	
				39100	BIS(2-ETHYLHEXYL) PHTHAL.	UG/L	TOTAL	2.5 U	
				34376	FLUORANTHENE	UG/L	TOTAL	2.2 U	
				34469	PYRENE	UG/L	TOTAL	1.9 U	
				34320	CHRYSENE	UG/L	TOTAL	2.5 U	
				34525	1,2-BENZANTHRACENE	UG/L	TOTAL	7.8 U	
				34641	4-CHLOROPHENYL PHENYL ET.	UG/L	TOTAL	4.2 U	
				34403	INDENO(1,2,3-CD) PYRENE	UG/L	TOTAL	3.7 U	
				34247	BENZO(A)PYRENE	UG/L	TOTAL	2.5 U	
				34521	1,12-BENZOPERYLENE	UG/L	TOTAL	4.1 U	
				34556	1,2,3,6-DIBENZANTHRACENE	UG/L	TOTAL	2.5 U	
				34631	3,3'-DICHLOROBENZIDENE	UG/L	TOTAL	16.5 U	
				34626	2,6-DINITROTOLUENE	UG/L	TOTAL	1.9 U	
				34511	2,4-DINITROTOLUENE	UG/L	TOTAL	5.7 U	
				34346	1,2-DIPHENYLHYDRAZINE	UG/L	TOTAL	U	
				34230	3,4-BENZOFUORANTHENE	UG/L	TOTAL	4.8 U	
				34262	11,12-BENZOFUORANTHENE	UG/L	TOTAL	2.5 U	

NJ0031313 06/05/11 1245

COMPOSITE 38/05/12 1150

LOCATION CODE: 1001 SUBSTANCE: AQUICUS

DESCRIPTION: DISCH GUL BEHULNT

3 BAGS - LAB COMPOSITED

089716	34418	METHYL CHLORIDE	UG/L	TOTAL	U
	34413	METHYL BROMIDE	UG/L	TOTAL	U
	39175	VINYL CHLORIDE	UG/L	TOTAL	U
	34311	CHLOROETHANE	UG/L	TOTAL	U
	34423	METHYLENE CHLORIDE	UG/L	TOTAL	2.8 U
	34501	1,1-DICHLOROETHYLENE	UG/L	TOTAL	2.6 U
	34496	1,1-DICHLOROETHANE	UG/L	TOTAL	0.6 M
	34546	1,2-TRANS DICHLOROETHYLENE	UG/L	TOTAL	6.83
	32105	CHLOROFORM	UG/L	TOTAL	4.01
	32103	1,2-DICHLOROETHANE	UG/L	TOTAL	2.8 U
	34506	1,1,1-TRICHLOROETHANE	UG/L	TOTAL	3.8 U
	32102	CARBON TETRACHLORIDE	UG/L	TOTAL	0.3 M
	32101	DICHLORODIBROMOMETHANE	UG/L	TOTAL	2.2 U
	34541	1,2-DICHLOROPROPANE	UG/L	TOTAL	6.0 U



## COMPLETED ANALYSIS REPORT

REPORT DATE: 8/11/05

PROJECT NO: 357

PROJECT NAME: KLEER KAST

STATION NO	DATE FROM TO	TIME AM DAY	LABNO	PARN	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
			089716	34551	1,3-DICHLOROPROPYLENE	UG/L	TOTAL	5.0 U	
				39180	TRICHLOROETHYLENE	UG/L	TOTAL	89.2	
				34633	BENZENE	UG/L	TOTAL	4.4 U	
				32105	CHLORODIBROMOMETHANE	UG/L	TOTAL	0.3 M	
				34511	1,1,2-TRICHLOROETHANE	UG/L	TOTAL	5.0 U	
				32104	BROMOFORM	UG/L	TOTAL	4.7 U	
				34516	1,1,2,2-TETRACHLOROETHANE	UG/L	TOTAL	6.9 U	
				34475	TETRACHLOROETHYLENE	UG/L	TOTAL	3.9 M	
				34010	TOLUENE	UG/L	TOTAL	6.0 U	
				34301	CHLOROBENZENE	UG/L	TOTAL	6.0 U	
				34271	ETHYLBENZENE	UG/L	TOTAL	7.2 U	

NJ0031313 8/05/11 1130

COMPOSITE 8/05/11 1130

LOCATION CODE: 1001 SUBSTRATE: AQUEOUS

DESCRIPTION: DISCH WQ EFFLUENT

24 HR COMPOSITE

089717	00330	RESIDUE, NONFILTERABLE	MG/L	TOTAL	4.0 U
	99800	TURBIDITY	NTU		0.22
	00680	TOTAL ORGANIC CARBON	MG/L	TOTAL	1.0 U

\*\*\*\*\* END OF PROJECT \*\*\*\*\*

## COMPLETED ANALYSIS REPORT

REPORT DATE: 88/11/09

PROJECT NO: 357

PROJECT NAME: KLEER KAST

STATION NO	DATE	TIME	LAB NO	PAC NO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
------------	------	------	--------	--------	----------------	-------	-----------	-------------------	-----------------

NJ0021313 88/01/11 1240  
LOCATION CODE: 1001 SUBSTRATE: AQUEOUS  
DESCRIPTION: DISCH 001 EFFLUENT

089711	31505	TOTAL COLIFORM	MPN	/100ML	MPN	300	
	31615	FECAL COLIFORM	MPN	/100ML	MPN	80	

NJ0031313 88/01/12 1145  
LOCATION CODE: 1001 SUBSTRATE: AQUEOUS  
DESCRIPTION: DISCH 001

089712	31505	TOTAL COLIFORM	MPN	/100ML	MPN	300	
	31615	FECAL COLIFORM	MPN	/100ML	MPN	50	

NJ0031313 88/03/11 0830  
LOCATION CODE: 2000 SUBSTRATE: AQUEOUS  
DESCRIPTION: MILLI-Q WATER BLANK

089713	34418	METHYL CHLORIDE	UG/L	TOTAL		U	
	34413	METHYL BROMIDE	UG/L	TOTAL		U	
	39175	VINYL CHLORIDE	UG/L	TOTAL		U	
	34311	CHLOROETHANE	UG/L	TOTAL		U	
	34423	METHYLENE CHLORIDE	UG/L	TOTAL		2.8 U	
	34501	1,1-DICHLOROETHYLENE	UG/L	TOTAL		2.8 U	
	34496	1,1-DICHLOROETHANE	UG/L	TOTAL		4.7 U	
	34546	1,2-TRANS DICHLOROETHYLENE	UG/L	TOTAL		1.6 U	
	32106	CHLOROFORM	UG/L	TOTAL		1.6 U	
	32103	1,2-DICHLOROETHANE	UG/L	TOTAL		2.8 U	
	34505	1,1,1-TRICHLOROETHANE	UG/L	TOTAL		3.8 U	
	32102	CARBON TETRACHLORIDE	UG/L	TOTAL		2.8 U	
	32101	DICHLOROBROMOMETHANE	UG/L	TOTAL		2.2 U	
	34541	1,2-DICHLOROPROPANE	UG/L	TOTAL		6.0 U	
	34561	1,2-DICHLOROPROPYLENE	UG/L	TOTAL		5.0 U	
	39180	TRICHLOROETHYLENE	UG/L	TOTAL		1.9 U	
	34030	BENZENE	UG/L	TOTAL		6.6 U	
	32105	CHLORODIBROMOMETHANE	UG/L	TOTAL		3.1 U	
	34511	1,1,2-TRICHLOROETHANE	UG/L	TOTAL		5.0 U	
	32104	BROMOFORM	UG/L	TOTAL		4.7 U	
	34515	1,1,2,2-TETRACHLOROETHANE	UG/L	TOTAL		6.9 U	
	34475	TETRACHLOROETHYLENE	UG/L	TOTAL		4.1 U	
	34010	TOLUENE	UG/L	TOTAL		6.0 U	
	34301	CHLOROBENZENE	UG/L	TOTAL		6.0 U	
	34371	ETHYLBENZENE	UG/L	TOTAL		7.2 U	





RECEIVED  
DIVISION OF  
WATER RESOURCES  
ENFORCEMENT  
DEC 12 10 46 AM '88

November 30, 1988

Ms. Kathleen Beyer  
NJDEP - DWR - Metro Field Office  
2 Babcock Place  
West Orange, NJ 07062

RE: September 13, 1988 Inspection  
November 2, 1988 Letter  
Kleer Kast - A Division of PMC  
450 Schuyler Avenue, Kearny, NJ

Dear Ms. Beyer:

I am in receipt of the September 13, 1988 Notice of Violation (NOV) and the subsequent November 2, 1988 letter issued to PMC's Kleer Kast facility. The following is a response to the above noted NOV and letter.

1) TOTAL SUSPENDED SOLIDS

Our NJPDES permit requires one sampling per month minimum of our discharge. In order for us to maintain a schedule to be able to collect a sample, have it analyzed, and have results returned in sufficient time to file our Discharge Monitoring Reports (DMR's) in a timely fashion, we have discovered we need to collect our monthly sample within the first ten days of the month. It appears that when we sample during times of precipitation events, suspended solids from stormwater input appear to be washed into the J-9 pit discharge point from the paved parking areas.

We have taken the following corrective actions concerning TSS permit excursions:

- i) The intake hose of our composite sampler was raised to the midpoint depth in the J-9 pit which is our compliance monitoring point. It was thought that perhaps the intake hose might be drawing in settled solids from the bottom of the J-9 pit.

PMC, INC.

47 Carey Avenue • Butler, New Jersey 07405 • (201) 492-8744

361  
PCF 000579

- ii) A permit modification request is being prepared for submittal to the Industrial Discharge Permit Group to include stormwater runoff in our discharge and to raise our TSS permit limit to 50 ppm.

2) PERMIT MODIFICATION TO INCLUDE STORMWATER RUNOFF

A permit modification request is being prepared for submittal to the Industrial Discharge Permit Group to include storm water runoff in our discharge. A copy of this request will be forwarded to you.

3) ACETONE STORAGE TANK SECONDARY CONTAINMENT AREA

Our acetone storage tanks are provided with full secondary concrete containment. It was noted during the September 13, 1988 inspection that it appeared that the acetone storage tank secondary containment area was not retaining collected rainwater. The containment area sump and joint between the containment base and sidewalls were sealed with a sealant. The containment area now withholds collected precipitation.

4) REPAIR OF CONDENSATE HOSES

During the September 13, 1988 inspection, NJDEP representatives noted what appeared to be a leaking hose. Upon closer inspection, it was discovered that this "leak" was condensate which collects on these pipes and hoses. All pipes and hoses have been inspected, joints tightened, and sections replaced which appeared worn. Currently no leakage from any pipe or hose is occurring.

5) PROPER COMPLETION OF DMR REPORTS

In the future, all DMR's will be properly completed as discussed during the September 13, 1988 inspection.

Should you have any additional questions, or if I can be of additional help, please contact me at 201/492-8744.

Respectfully submitted,

*Michael E. Fessler*

Michael E. Fessler  
Director  
Environmental Affairs

MEF/dv

cc: Jack Mulligan  
Thomas B. Harrington - NJDEP  
USEPA - Region II

A:NJPDES12.MF





# KleerKast

450 Schuyler Avenue  
Kearny, New Jersey 07032  
(201) 997-1880  
TWX: 5106001641

July 19, 1989

RE: June-DMR TOC Results  
(NJPDES #NJ0031313)

Kleer Kast  
450 Schuyler Ave.  
Kearney, NJ 07032

Dear Administrator(s):

Pursuant to the reporting/monitoring requirements of our NJPDES permit, June effluent samples were collected from the J-9 pit on June 13th. The result of the TOC analysis was 44 mg/l, our TOC permit limitation is 20 mg/l. We immediately instructed Accredited Labs to perform a retest on the TOC composite sample - the result of this retest was 43 mg/l.

An investigation was conducted at the facility to determine the cause of the TOC non-compliance. We summarize that one or all of the following causes contributed to, or were responsible for the unusually high TOC result:

1. Biological growth in the TOC sampling tube.
2. Large fraction of organic mater present in the J-9 sampling pit during collection activities. (Prior to collection of the June-DMR samples, heavy precipitation events occurred at the facility. Due to the fact that outfall D001 also receives input from storm water runoff, large amounts of organic matter [i.e. wood, leaves, sediment, oils, etc.] were flushed into the J-9 pit via the catch basins).
3. Incorrect positioning of the TOC sampling tube inlet in the J-9 pit. (Inlet of sampling tube was resting on the bottom of the pit, any biological growth present on the pit bottom would have been collected during the compositing of the sample).

The following corrective actions were performed by Kleer Kast personnel:

1. TOC sampling tube was flushed out with 5 gallons of a strong bleach solution, followed by 10 gallons of tap water.

2. TOC sample collection jar was cleaned.
3. TOC sampling tube inlet was repositioned in the J-9 pit. Tube inlet is now at mid-pit depth, directly adjacent to the center (midpoint) of the outfall pipe.

Upon completion of the above listed activities, another TOC composite sample was collected (6/29) from the J-9 pit. The subsequent analysis revealed the presence of 12.8 mg/l of TOC. Although we still consider this result to be high for our discharge, it is still well below our TOC limitation of 20 mg/l.

Please be advised that only the last TOC result, 12.8 mg/l, has been reported on our June DMR. An averaged value was not reported because we feel that the initial TOC result does not accurately reflect actual, daily TOC concentrations in our effluent stream. The initial TOC result is indicative of a one time, infrequent occurrence caused by unusual conditions (i.e. biological growth, improper tube placement and heavy precipitation). Due to this fact, we did not feel that it was appropriate to report an averaged value.

We believe that we have adequately addressed this problem and have implemented the necessary corrective measures to insure compliance with the TOC limitation. Please be assured that we are currently making every effort possible to insure compliance with the requirements and limitations of our permit, and will continue to do so in the future.

If after reviewing the enclosed information you have any questions, or require additional information, please contact Greg Joseph of PMC, Inc. at 201-262-6981.

Respectfully submitted,

Edward Austin  
Plant Manager

TOC718.GJ







000051

AUG 23 1989

AUG 29 1989

State of New Jersey  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

CN 029

Trenton, N.J. 08625-0029

George H. Berkowitz, Ph.D.  
Acting Director

DEPT. OF ENVIRONMENTAL PROTECTION  
Division Water Resources  
Bureau of Information Systems  
(609) 984-4425  
Fax # (609) 984-7938

RE: NJPDES Permit No. NJ0031313

Dear Sir:

The attached data sheet summarizes the current information contained in our data base system regarding addresses and some additional key information used in correspondence and notices.

To avoid confusion each address field has an explanation of what it should contain.

I would appreciate your review of the attached. Please make any necessary corrections and return to me by simply folding and stapling these papers so that our address shows.

Your assistance in this matter will help us better serve you. Please call (609) 984-4425 if you need assistance with this information.

Sincerely,

George Caporale, Chief  
Bureau of Information Systems  
Management Services Element

Owner/Applicant. (Required)

The corporation, agency or individual who is applying for the permit and is primarily responsible for complying with the terms and conditions of the permit.

Owner/Applicant Name	KLEER KAST <del>XXX</del> A DIV. OF PMC INC.
Owner/Applicant Telephone	(201) 997-1880
Owner/Applicant Address 1	450 SCHUYLER AVENUE
Owner/Applicant Address 2	
Owner/Applicant City	KEARNY
Owner/Applicant State	NJ
Owner/Applicant Zip	07032

Primary. (Required)

The name and address where the owner/applicant wishes all correspondence concerning the permit to be addressed.

Primary Name	KLEER KAST <del>XMX</del> A DIV. OF PMC INC.
Primary Telephone	(201) 997-1880
Primary Address 1	450 SCHUYLER AVENUE
Primary Address 2	
Primary City	KEARNY
Primary State	NJ
Primary Zip	07032
Primary Contact	

Facility. (Required)

The actual name and physical location of the pollution source or activity. (No P.O. Box #'s are acceptable)

Facility Name	KLEER KAST <del>XMX</del> A DIV. OF PMC INC.
Facility Address 1	450 SCHUYLER AVENUE
Facility Address 2	
Facility City	KEARNY
Facility State	NJ
Facility Zip	07032
Facility Attention	
Facility Telephone	(201) 997-1880

Alternate. (Optional)

The name and address where the owner/applicant wants the discharge monitoring report form sent if different than the primary name and address.

Alternate Name	
Alternate Telephone	
Alternate Address 1	
Alternate Address 2	
Alternate City	
Alternate State	
Alternate Zip	
Alternate Contract	

Property Owner. (Required)

The name and address of the person, company or agency who actually owns the physical property where the facility is located.

Property Owner Name	KLEER KAST INC	PMC INC.
Property Owner Address 1	450 SCHUYLER AVENUE	12243 BRANFORD ST.
Property Owner Address 2		
Property Owner City	KEARNY	SUN VALLEY
Property Owner State	NJ	CA
Property Owner Zip	07032	91352

Co-Permittee. (Optional)

The person, company or agency which will assume responsibility for complying with the terms of the permit and pay the fees for a facility in case of a permittee defaulting on the terms and conditions.

Co-Permittee Address 1  
Co-Permittee Address 2  
Co-Permittee City  
Co-Permittee State  
Co-Permittee Zip

Other key data:

Facility Latitude - 404543  
Facility Longitude - 740827

Standard Industrial Code  
Classification (SIC) or 3079  
a description of what your  
function is for example church,  
secondary school, or  
Chemical Mfg etc.

Receiving Water and/or Aquifer - PASSAIC RIVER

Federal Employee Identification  
Number or Social Security Number 95-305-4442  
of the Owner/Applicant -

EPA Identification Number (If Known) - NONE





NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
CN 029, Trenton, N.J. 08625



DISCHARGE SURVEILLANCE REPORT

PERMIT # NT0031313 NO. OF DISCHARGES 1 CLASS MAJ-IND  
DISCHARGER Kleer KAST, Division of PMC Incorporated  
OWNER PMC Incorporated  
MUNICIPALITY Kearny COUNTY Hudson WATERSHED CODE P  
LOCATION 450 Schuler Avenue  
RECEIVING WATERS Frank's Creek Passaic River STREAM CLASS SE-3  
LICENSED OPERATOR & PLANT CLASS \_\_\_\_\_  
TRAINEE/ASSISTANT \_\_\_\_\_ OTHER INFO. 1201/997-1880

DEFICIENCIES OR COMMENTS

Permit Effluent Limitation Violations  
for 2/91, 5/91, 6/91 for TOC

OVERALL RATING ☐ Acceptable ☒ Conditionally Acceptable ☐ Unacceptable

EVALUATOR Theo Ashie / Anthony Mendez TITLE Environmental Specialist

INFORMATION FURNISHED BY (Name) Greg Joseph

(Title) Environmental Manager (Organization) Kleer KAST

DATE OF INSPECTION October 17, 1991

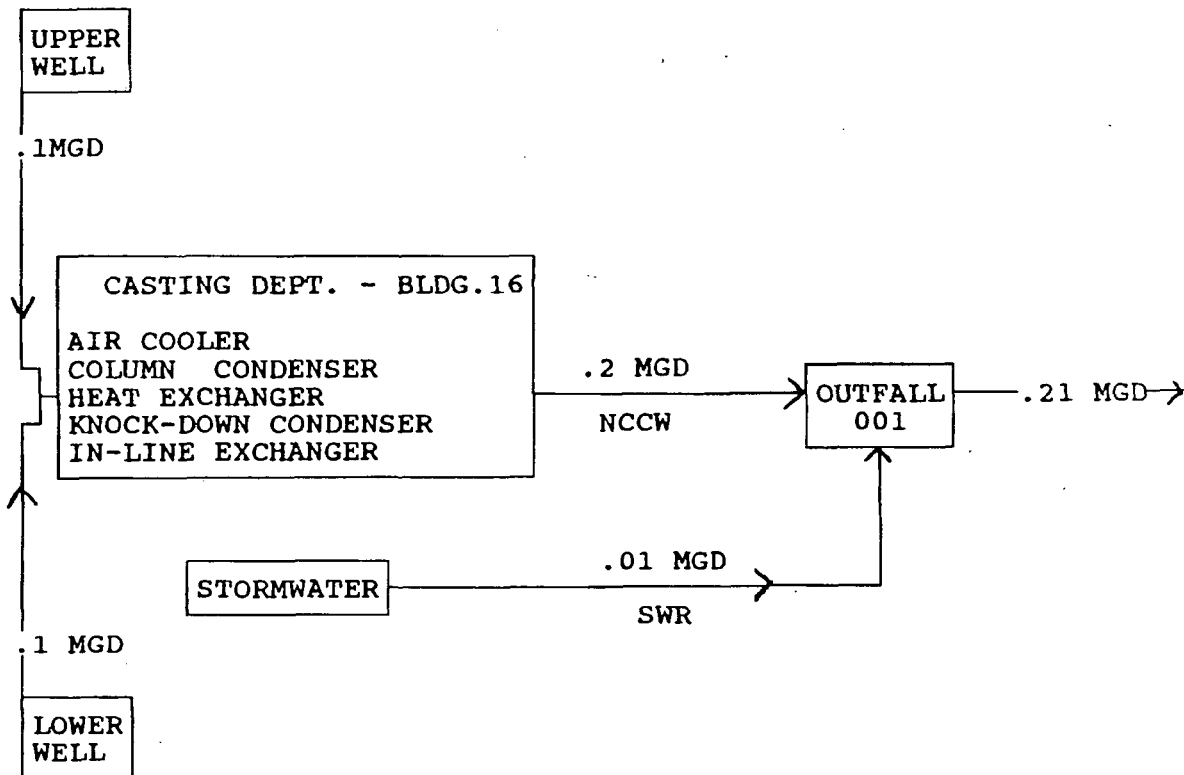




DISCHARGE SURVEILLANCE REPORT

Permit # NJ0001312  
Date October 17 1991

PLANT DIAGRAM AND FLOW SEQUENCE:



Samples Taken - 10/17/91

DISCHARGE DATA

SOURCE: DMR's

PERIOD: 10/1/90 - 6/30/91

DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA	DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA
001	TOC	Grab	20mg/l (max) 2/91	22mg/L					
001	TOC	Grab	20mg/l (max) 5/91	29 mg/L					
001	TOC	Grab	20mg/l (max) 6/91	24 mg/L					

TORING DEFICIENCIES: See Above







STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CN 402  
Trenton, N.J. 08625



PERMIT

New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to the further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit.

Permit No. NJ0031313	Issuance Date January 15, 1987	Effective Date March 1, 1987	Expiration Date February 28, 1992
Name and Address of Applicant Kleer Kast, Inc. 450 Schuyler Ave. Kearny, NJ 07032	Location of Activity/Facility 450 Schulyer Ave. Kearny, Hudson County New Jersey	Name and Address of Owner PMC, Inc. 12234 Branford St. Sun Valley, CA 91352	
Issuing Division Water Resources	Type of Permit NJPDES/DSW	Statute(s) N.J.S.A. 58:10A-1 et seq	Application No. NJ0031313

This permit grants permission to:

Discharge to Frank's Creek, a tributary of the Passaic River, classified as SE3 waters, in accordance with effluent limitations, monitoring requirements and other conditions as set forth in Parts I, II, III, and IV hereof.

Approved by the Department of Environmental Protection  
By the Authority of:  
George G. McCann, P.E.  
Acting Director  
Division of Water Resources

*Arnold Schiffman* 11/15/87  
Arnold Schiffman, Administrator  
Water Quality Management Element

\* The word permit means "approval, certification, registration, etc."

(GENERAL CONDITIONS ARE ON THE REVERSE SIDE.)

1.A EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning EDP and lasting through EDP + 5 years, the permittee is authorized to discharge from outfall serial number: 001. There shall be no discharge of floating solids or visible foam in other than trace amounts. Samples taken in compliance with the specified monitoring requirements shall be taken at the following location: at the outfall of DSN 001; and shall be reported monthly.

<u>EFFLUENT CHARACTERISTIC</u>	<u>DISCHARGE LIMITATIONS</u>			<u>MONITORING REQUIREMENTS</u>	
	Minimum	Average	Maximum	Frequency*	Sample type
FLOW - mgd	N/A	Report	Report	Continuous	N/A
pH - Standard Units	6.0	N/A	9.0	Monthly	Grab
TEMPERATURE - °C	N/A	N/A	30	Monthly	Grab
TOTAL ORGANIC CARBON - mg/l	N/A	Report	20	Monthly	Composite
TOTAL SUSPENDED SOLIDS - mg/l	N/A	Report	20	Monthly	Composite
PETROLEUM HYDROCARBONS - mg/l	N/A	10	15	Monthly	Composite
ACETONE - ug/l	N/A	Report	Report	Quarterly	Grab
DIETHYL PHTHALATE - ug/l	N/A	Report	Report	Quarterly	Grab
DIMETHYL PHTHALATE - ug/l	N/A	Report	Report	Quarterly	Grab
DI-N-BUTYL PHTHALATE - ug/l	N/A	Report	Report	Quarterly	Grab



RECEIVED  
DEPARTMENT OF  
WATER RESOURCES  
ENVIRONMENTAL PROTECTION

AUG 21 11 44 AM '89

AUG 16 1989

Certified Mail - Return Receipt Requested

Mr. John A. Mulligan  
President  
Kleer Kast, Inc.  
450 Schuyler Avenue  
Kearny, New Jersey 07032

Re: Compliance Evaluation Inspection  
Kleer Kast, Inc.  
NJ0031313  
Kearny, New Jersey

Dear Mr. Mulligan:

Thank you for the assistance you and your staff provided the Environmental Protection Agency (EPA) and New Jersey Department of Environmental Protection (NJDEP) during the Compliance Evaluation Inspection (CEI) conducted at your facility on August 1, 1989. The Inspection findings indicate that the facility is deficient concerning housekeeping procedures which allow floatable/solid materials into the discharge. Listed below are deficiencies requiring immediate attention:

- The area around the loading dock is littered with pellets and other solids which are being discharged to the storm sewer that is connected to the outfall. Additionally, visible oil and grease is entering the discharge system from the dock area.
- The storm sewer in front of Building #7 has pellets/solid material being flushed into it due to poor housekeeping.
- The storm sewer on the side of Building #7 is a potential source for solid material entering the discharge system.
- The pit located in the building rented to Alexandria Plastics has solids/pellets entering the system which discharges to J9.
- A hose discharging into the pit in the Alexandria Plastics building was observed. This discharge is unreported and not defined.

- Housekeeping practices in the manufacturing areas and the plant grounds to control floatables/solid waste in the discharge is unsatisfactory.
- The discharge pit (J9) (upon observation) has floatables/solid waste in the pit.

The above deficiencies must be rectified within seven (7) days of receipt of this letter. Failure to correct these deficiencies may result in formal enforcement action as provided under the Clean Water Act, which provides for the imposition of civil/criminal penalties.

If you have any questions, please contact Mr. Philip Greco of my staff at (212) 264-9879.

Sincerely yours,

John S. Kushwara, Chief  
Compliance Section

cc: Richard White, NJDEP-Metro Bureau ✓

United States Environmental Protection Agency  
Washington, D. C. 20460

## NPDES Compliance Inspection Report

Item D

Form Approved

OMB No. 2040-0003

Approval Expires 7-31-85

## Section A: National Data System Coding

Transaction Code 1W 25	NPDES 3NJ0003131311	yr/mo/day 1289080117	Inspection Type 18C	Inspector JHJ	Fac Type 2d2
Remarks IWSPECTION COWOKCTED TO ASSESS FLOWABLES					
Reserved 67	Facility Evaluation Rating 7d2	BI 71N	OA 72N	Reserved 73	74 75 76 77 78 79 80

## Section B: Facility Data

Name and Location of Facility Inspected Kleer Kast 450 Schayler Avenue Kearny, New Jersey 07032	Entry Time <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM Exit Time/Date P.M./89/08/01	Permit Effective Date 87/03/03 Permit Expiration Date 92/02/28 Phone No(s) (201)997-1880
Name(s) of On-Site Representative(s) Edward Austin	Title(s) Plant Supervisor	
Name, Address of Responsible Official John A. Mulligan	Title President Phone No. (201)997-1880	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

## Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

M Permit	S Flow Measurement	N/A Pretreatment	U Operations & Maintenance
S Records/Reports	N Laboratory	N/A Compliance Schedules	N Sludge Disposal
U Facility Site Review	M/E Effluent/Receiving Waters	S Self-Monitoring Program	Other:

## Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

Purpose of plant site visit to observe floatables (pellets), if any, in discharges of the facility. Inspection by EPA/State indicated the following problems:

- 1) General housekeeping is poor both inside the plant and outside (grounds)
- 2) Pellets were observed in the discharge (59) pit.
- 3) Pellets were observed all around the loading dock and storm sewer draining the area.
- 4) Pellets were observed around the stormsewer adjacent to Building #7.
- 5) Pellets on the plant's ground are entrained into the storm sewers which feed into to discharge to the creek.
- 6) Tenants on facility's plant namely Roseart and Alexandria Plastics practices poor housekeeping. Solids are entering discharge system via open pit in the tenant's building. Additionally, overflow hose discharging into pit is unknown source at this time.

Will follow up for appropriate action.

Name(s) and Signature(s) of Inspector(s) Philip Greco	Agency/Office/Telephone EPA/WPCB/X9879	Date 89/08/04
Signature of Reviewer John S. Kushwan	Agency/Office NJDEP/Metro/(201)569-3300 um/wpc/264-9826	Date 8/4/89
Action Taken	Regulatory Office Use Only	Compliance Status <input type="checkbox"/> Noncompliance <input type="checkbox"/> Compliance







# KleerKast

450 Schuyler Avenue  
Kearny, New Jersey 07032  
(201) 997-1880  
TWX: 5106001641

August 20, 1991

State of New Jersey  
Department of Environmental Protection  
Division of Water Resources  
Management Services Element  
Bureau of Information Systems(BIS)  
CN 029  
Trenton, NJ 08625  
ATTN: NJPDES-DSW Applications

RE: NJ0031313  
Kleer Kast- Kearny, NJ

Dear BIS:

Please find enclosed permit renewal application forms for NJ0031313. All present permit limits, except TOC, are deemed to be satisfactory.

Our current TOC limit is 20 mg/l. During the past seven(7) months, Jan '91 - Jul '91, this limit has been exceeded three(3) times, February, May & June. In two(2) of these cases, the cause was determined to be source related as opposed to process related. Elevated levels of TOC present in our water supply, two(2) on-site wells, resulted in above normal TOC values at our outfall pipe.

Listed below is a table comparing well & outfall TOC values for the past seven(7) months:

<u>Date</u>	<u>Well#1-TOC(mg/l)</u>	<u>Well#2-TOC(mg/l)</u>	<u>Outfall-TOC(mg/l)</u>
3/91	4	1	6
4/91	15	13	14
5/91	27	32	30
6/91	24	48	24
7/91	3	5	ND

As is evident from the table, for two(2) of the months in question, May & June, high levels of TOC in the wells directly resulted in above normal values at the outfall pipe.

In light of the above, we would like to take this opportunity to request that our current TOC limit, 20 mg/l, be increased to 40 mg/l. Given the fact that our water supply is obviously prone to wide fluctuations in TOC content, we do not feel that this request is without merit.

There is a strong possibility that the abnormally high well values in May & June were a direct consequence of the drainage and flooding problems we experienced over the same period. Over a three(3) month period, April thru June, precipitation events triggered unprecedented flooding episodes at our facility.

The cause of the flooding was traced back to a clogged pipe connection running between an off-site creek and the Kearny Marsh. All non-contact cooling water and stormwater from our site flows from our on-site discharge lagoon into this creek via a pipe connection. At the end of this creek is another pipe connection which runs out to the marsh, this is the connection that was plugged.

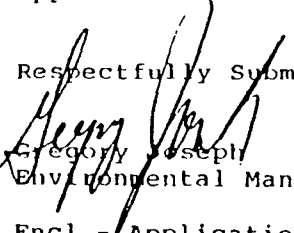
In early July, the connection was cleared. And since then, we have yet to experience any repeat incidents of poor drainage or flooding. Coincidentally, immediately following the resolution of the flooding problem, the July well results reflected a significant decrease in TOC content.

Although we possess no hydrogeological data to support or refute our contention that the flooding directly affected TOC concentrations in the wells, we still feel that it's the most logical and plausible explanation.

We plan on continuing to monitor the situation and will forward updates to your Department periodically.

If after reviewing the enclosed you have any questions or require any additional information, please contact me at 201-997-1880. Your time and attention in this matter is greatly appreciated.

Respectfully Submitted,

  
Gregory Joseph  
Environmental Manager

Encl.- Application





**State of New Jersey**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**OFFICE OF ENFORCEMENT POLICY**  
**METRO BUREAU OF REGIONAL ENFORCEMENT**  
 2 BABCOCK PLACE  
 WEST ORANGE, NEW JERSEY 07052

(201) 669-3900

December 2, 1991

Mr. John Mulligan, President  
 Kleer Kast A Division of PMC, Incorporated  
 450 Schuyler Avenue  
 Kearny, NJ 07032

Re: Compliance Evaluation Inspection  
 Kleer Kast  
 NJPDES No. NJ0031313  
 Kearny/Hudson County

Dear Mr. Mulligan:

A Compliance Evaluation Inspection of your facility was conducted by representatives of this Bureau on October 17, 1991. A copy of the completed inspection report form is enclosed for your information.

Your facility received a rating of "CONDITIONALLY ACCEPTABLE" due to the following deficiency:

1. A review of the Discharge Monitoring Reports (DMRs) for DSN 001, and analytical laboratory results for the period October 1, 1990 to June 30, 1991 has revealed that the facility exceeded the following permit effluent limitations:

DMR NUMBER	MONIT. PERIOD END DATE	DSN NO.	PARAMETER	LOAD CONC	LIMIT TYPE	LIMIT	UNITS	DATA
91020535	2/28/91	001	TOC	CONC	1DMAX	20	mg/l	22
91050536	5/31/91	001	TOC	CONC	1DMAX	20	mg/l	29
90160549	6/30/91	001	TOC	CONC	1DMAX	20	mg/l	24

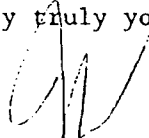
Definitions of abbreviations used above:

mg/l	-Milligrams per liter	1DMAX	-Daily Maximum
TOC	-Total Organic Carbon	PARAMETER	-Parameter
CONC	-CONCENTRATION		

The deficiency noted above is or may result in violations of the terms and conditions of your NJPDES permit and/or the rules and regulations of this Department. You are requested to institute corrective measures. A written report concerning specific details of remedial measures to be instituted, as well as an implementation timetable, must be submitted to this Department and USEPA, Permits Administration Branch, within thirty (30) calendar days of the date of this correspondence.

Please direct all correspondence and inquiries to Theophilus Ashie, the Environmental Specialist responsible for this case, who can be reached at (201) 669-3900 or by letter through this Bureau.

Very truly yours,

  
Janet Budesca Carroll  
Acting Section Chief  
Surface Water/Sewer Extensions  
Metro Bureau of Water and Hazardous  
Waste Enforcement Field Operations

E36

Enclosure

c: Chief, Permits Administration Branch, USEPA  
Patrick Durack, USEPA  
Edward Grosvenor, Health Officer

bc: Zaheer Hussain  
Central File  
✓Region File  
JBC





**State of New Jersey**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
 DIVISION OF FACILITY WIDE ENFORCEMENT  
 METRO BUREAU OF REGIONAL ENFORCEMENT  
 2 BABCOCK PLACE  
 WEST ORANGE, NEW JERSEY 07052

(201) 669-3900

March 31, 1992

Mr. John Mulligan, President  
 Kleer Kast, A Division of PMC, Incorporated  
 450 Schuyler Avenue  
 Kearny, NJ 07032

Re: Discharge Analytical Results  
 Kleer Kast  
 NJPDES No. NJ0031313  
 Kearny/Hudson County

Dear Mr. Mulligan:

Analysis of effluent grab samples collected by the representatives of the Division of Facility Wide Enforcement at the Kleer Kast facility on October 17, 1991, have yielded the following results:

<u>Parameter</u>	<u>Results</u>
TSS	8.0 mg/l
TOC	4.9 mg/l
PHC	1.0 mg/l
Chloride	26.0 mg/l

Abbreviations used:	TSS	- Total Suspended Solids
	TOC	- Total Organic Carbon
	PHC	- Petroleum Hydrocarbons

If you have any questions regarding this correspondence, contact Anthony Memoli at (201) 669-3900 or by a letter through this Bureau.

Very truly yours,

Theophilus Ashie  
 Senior Environmental Specialist  
 Metro Bureau of Water and  
 Hazardous Waste Enforcement

E36:E29:G26

New Jersey is an Equal Opportunity Employer  
 Recycled Paper



- 2 -

C: Chief, Permits Administration Branch, USEPA  
Mr. Patrick Durack, USEPA  
Mr. Joseph Sanmarco, Licensed Operator  
Mr. Edward Grosvenor, Health Officer

bC: Zaheer Hussain  
Central File  
Bureau File





STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY  
Environmental Regulation  
Wastewater Facilities Regulation Element  
CN 029,03  
Trenton, NJ 08625-0029

MAR 16 1993

KLEER KAST DIV OF PMC INC  
450 SCHUYLER AVENUE  
KEARNY NJ 07032

RE: Violation of Effluent Limits or Parameter Reporting  
Requirements NJPDES Permit No: NJ0031313

Dear Permittee:

The New Jersey Department of Environmental Protection and Energy (Department) has issued your facility a New Jersey Pollutant Discharge Elimination System (NJPDES) permit pursuant to the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq. The permit requires that discharge monitoring results obtained during the previous monitoring period shall be summarized and reported to the Department on Discharge Monitoring Report (DMR) forms.

Your NJPDES permit requires that you submit to the Department a report concerning any non-compliance, including the action taken to correct it and prevent its continuation or recurrence. Additionally, the Clean Water Enforcement Amendments to the New Jersey Water Pollution Control Act and the regulations adopted pursuant thereto, specify reporting requirements for claiming an affirmative defense for certain violations.

The Department has reviewed the DMR submitted for your facility for the period ending 92/12/31. This review indicated that you are not complying with one or more effluent limitations or parameter reporting requirements specified in your permit. These apparent violations are noted on the attached violation summary forms.

Please review the subject DMR carefully against the information on the violation summary form. If there is a discrepancy between the DMR information you submitted and the data listed on the violation summary form you must immediately submit a copy of the submitted DMR with a notation of the discrepancy to the Bureau of Permit Management, CN029, Trenton, NJ 08625-0029. If your DMR was incomplete or completed incorrectly you must submit a revised DMR to the Bureau of Permit Management with a copy to this office. The corrected information must be submitted in red ink and each revised value must be initialed and dated by the original signatory. DMRs must be completed in accordance with the Department's Discharge Monitoring Report Instruction Manual (Revised June 1991).

Nothing shall preclude the Department from assessing penalties if the missing DMR effluent parameter information was not inadvertently omitted or if the Department was not notified within 30 days of the DMR due date of the existence of extenuating circumstances beyond the control of the permittee. Failure to submit missing effluent parameter data within ten (10) days from receipt of this letter subjects you to mandatory civil administrative penalties of \$100 per parameter per day up to a maximum of \$50,000 per DMR. These penalties accrue as of the fifth day following the date on which the DMR was due.

If the information listed on the enclosed form is correct and you have fulfilled your non-compliance reporting requirements, no response to this letter is necessary. The violations will be evaluated and addressed during the Department's compliance evaluation inspection process.

Very truly yours,

Peter T. Lynch, Chief

Metro Bureau of Water &  
Hazardous Waste Enforcement  
2 Babcock Place  
West Orange, NJ 07052-5504

Enclosure

S Number: NJ0031313 Facility Name: KLEER KAS DIV OF PMC INC

Monitoring Period End Date: 92/12/31 Pipe Num: 001A Mon. Loc.: 1

PARAMETER: 00010 DESCRIPTION: TEMPERATURE, WATER DEG. CENTIGRADE

VIOLATION: E41 LIMITED, CONCENTRATION ABSENT

QUANTITY			CONCENTRATION	
Average	Maximum	Minimum	Average	Maximum

MEASUREMENT:

\*\*\*\*\*



COC ? ==> Y

STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
TRENTON, NEW JERSEY 08625

## CHAIN OF CUSTODY RECORD

RECEIVED  
DIVISION OF FACILITY  
WIDE ENFORCEMENT

**I.D. #**

NAME OF UNIT AND ADDRESS:

NTJERS - DEFO - Metro  
2 Babcock Pl.  
West Orange NJ 07052

JUL 16 1 25 PM '93

**WATER & HAZARDOUS  
WASTE ENFORCEMENT  
METRO BUREAU**

SAMPLE NUMBER	Number of Containers	DESCRIPTION OF SAMPLES	HAZARDOUS WASTE ENFORCEMENT METRO BUREAU
81348	1	500 ml - TOC	
81348	1	500 ml - TSS + chloride	
81348	1	1000 ml - PHC	

Klee  
Kast

Klee  
Kast

**PERSON ASSUMING RESPONSIBILITY FOR SAMPLE:**

Anthony Memoli

TIME	DATE
1025	2/24/83

[illegible]

~~REPORT SUBMITTED~~

~~JUL 09 1903~~

~~NJDOH ENVIRONMENTAL  
CHEMISTRY LABORATORY~~



NEW JERSEY STATE DEPARTMENT of HEALTH  
ENVIRONMENTAL and CHEMICAL LABORATORY SERVICES  
GENERAL CHEMISTRY

Laboratory Sample No. 9303096  
Collection Date: ..... 930527.1025  
Laboratory Batch No. 93WTP00472

Field No: ... 81348  
Receipt Date: 930527.1507  
Report Date: JULY 8 1993

		Sample Results	Result Qualifier	MDL	Analysis Date
Nitrite Nitrogen	(P00615)	ANR		0.003	
Nitrite & Nitrate Nitrogen	(P00630)	ANR		0.02	
Ammonia Nitrogen	(P00610)	ANR		0.03	
Total Kjeldahl Nitrogen	(P00625)	ANR		0.03	
Ortho Phosphorus	(P70507)	ANR		0.01	
Total Phosphorus	(P00665)	ANR		0.02	
Non-Filterable Residue	(P00530)	15		2	930602
Total Residue	(P00500)	ANR		2	
Filterable Residue	(P70300)	ANR		2	
Non-Filterable Volatile Residue	(P00535)	ANR		2	
Total Volatile Residue	(P00505)	ANR		2	
Filterable Volatile Residue	(P00520)	ANR		2	
Settleable Matter in ml/l/hr	(P50086)	ANR		0.2	
COD - Standard	(P00340)	ANR		50	
COD - Low	(P00335)	ANR		5	
TOC	(P00680)	2.57	J HT	1	930629
Color in Platinum in Cobalt Units	(P00080)	ANR		5	
Odor in T.O.N.	(P00086)	ANR		1	
Turbidity in NTU	(P00070)	ANR		0.1	
pH in pH Units	(P00403)	ANR		-	
Alkalinity	(P00410)	ANR		1	
Acidity	(P00436)	ANR		1	
Chloride	(P00904)	216		0.5	930604
Residual Chlorine	(P50060)	ANR		0.1	
MBAS	(P38260)	ANR		0.1	

REPORT SUBMITTED

JUL 09 1993

NJDOH ENVIRONMENTAL  
CHEMISTRY LABORATORY



NEW JERSEY STATE DEPARTMENT of HEALTH  
ENVIRONMENTAL and CHEMICAL LABORATORY SERVICES  
GENERAL CHEMISTRY

Laboratory Sample No. 9303096

Field No: ... 81348

		Sample Results	Result Qualifier	MDL	Analysis Date
Phenols (SSI)	(P32730)	ANR		0.05	
Phenols (pw)	(P32730)	ANR		0.005	
Hardness	(P00900)	ANR		2	
Sulfate	(P00945)	ANR		1	
Oil & Grease	(P00556)	ANR		5	
Petroleum Hydrocarbons	(P45501)	1	K	1	930601
Cyanide	(P00720)	ANR		0.010	
Conductance in umhos	(P00095)	ANR		0.1	
Dissolved Oxygen	(P00300)	ANR		0.2	
Fluoride	(P00951)	ANR		0.1	
Fluoride with distillation	(P00951)	ANR		0.1	
Silica	(P00955)	ANR		1	
Sulfide	(P00745)	ANR		1	
TOX	(70353)	ANR		.05	

Sample Result	Result Qualifier	Dilutions	Analysis Date
BOD <sub>5</sub> (P00310)	ANR	% conc + / -	
CBOD <sub>5</sub> (P80082)	ANR	% conc + / -	
BOD <sub>20</sub> (P00324)	ANR	% conc + / -	
CBOD <sub>20</sub> (P80087)	ANR	% conc + / -	

NOTE: Sample results, method blanks and MDLs are expressed in parts per million (ppm), unless otherwise specified.

ANR = Analyte Not Request      QNS = Quantity Not Sufficient  
J-MI = Approximate value due to matrix interferences  
J-OC = Approximate value due to quality control problems.  
J-HT = Approximate value due to the sample exceeding the holding time.  
NA = Not Applicable      EFAILURE = Equipment failure  
NAP = No analysis possible

**REPORT SUBMITTED**

page 2 of 2 pages

JUL 09 1993

NJDOH ENVIRONMENTAL  
CHEMISTRY LABORATORY

PCF 000615



UST-014  
2/91

STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WATER RESOURCES  
BUREAU OF UNDERGROUND STORAGE TANKS  
TANK MANAGEMENT SECTION

CN 029, 401 EAST STATE STREET  
TRENTON, N.J. 08625-0029

FOR STATE USE ONLY

UST # \_\_\_\_\_  
Date Rec'd \_\_\_\_\_  
TMS # \_\_\_\_\_  
Staff \_\_\_\_\_

C 2  
C 11  
8/11

RECEIVED JUL 3 11 1993

UNDERGROUND STORAGE TANK  
SITE ASSESSMENT SUMMARY

Under the provisions of the Underground Storage  
of Hazardous Substances Act  
in accordance with N.J.A.C. 7:14B

93-04-01-1515  
C93-0834  
C93-0835

This Summary form shall be used by all owners and operators of Underground Storage Tank Systems (USTS) who have either reported a release and are subject to the site assessment requirements of N.J.A.C. 7:14B-8.2 or who have closed USTS pursuant to N.J.A.C. 7:14B-9.1 et seq. and are subject to the site assessment requirements of N.J.A.C. 7:14B-9.2 and 9.3.

INSTRUCTIONS:

- Please print legibly or type.
- Fill in all applicable blanks. This form will require various attachments in order to complete the Summary. The technical guidance document, Interim Closure Requirements for UST's, explains the regulatory (and technical) requirements for closure and the Scope of Work, Investigation and Corrective Action Requirements for Discharges from Underground Storage Tanks and Piping Systems explains the regulatory (and technical) requirements for corrective action.
- Return one original of the form and all required attachments to the above address.
- Attach a scaled site diagram of the subject facility which shows the information specified in Item IV B of this form.
- Explain any "No" or "N/A" response on a separate sheet.

Date of Submission

8/3/93

0243218

FACILITY REGISTRATION #

I. FACILITY NAME AND ADDRESS

Kleer Kast  
450 Schuyler Ave  
Kearny New Jersey County Hudson  
Telephone No. 201-997-1880

OWNER'S NAME AND ADDRESS, if different from above

Pm L, Inc  
501 Murray Road  
Cincinnati Ohio  
Telephone No. 513-482-7357

## II. DISCHARGE REPORTING REQUIREMENTS

- A. Was contamination found? ☒ Yes ☐ No If Yes, Case No. 93-4-1-1575-39  
(Note: All discharges must be reported to the Environmental Action Hotline (609) 292-7172)
- B. The substance(s) discharged was(were) #6 Oil
- C. Have any vapor hazards been mitigated? ☐ Yes ☐ No ☒ N/A

## III. DECOMMISSIONING OF TANK SYSTEMS

Closure Approval No. C93-0835

The site assessment requirements associated with tank decommissioning are explained in the Technical Guidance Document, Interim Closure Requirements for UST's, Section V. A-D. Attach complete documentation of the methods used and the results obtained for each of the steps of tank decommissioning used. Please include a site map which shows the locations of all samples and borings, the location of all tanks and piping runs at the facility at the beginning of the tank closure operation and annotated to differentiate the status of all tanks and piping (e.g., removed, abandoned, temporarily closed, etc.). The same site map can be used to document other parts of the site assessment requirements, if it is properly and legibly annotated.

## IV. SITE ASSESSMENT REQUIREMENTS

### A. Excavated Soil

Any evidence of contamination in excavated soil will require that the soil be classified as either Hazardous Waste or Non-Hazardous Waste. Please include all required documentation of compliance with the requirements for handling contaminated excavated soil (if any was present) as explained in the technical guidance documents for closure and corrective action. Describe amount of soil removed, its classification, and disposal location.

### B. Scaled Site Diagrams

1. Scaled site diagrams must be attached which include the following information:

- North arrow and scale
- The locations of the ground water monitoring wells
- Location and depth of each soil sample and boring
- All major surface and sub-surface structures and utilities
- Approximate property boundaries
- All existing or closed underground storage tank systems, including appurtenant piping
- A cross-sectional view indicating depth of tank, stratigraphy and location of water table
- Locations of surface water bodies

### C. Soil samples and borings (check appropriate answer)

- Were soil samples taken from the excavation as prescribed? ☒ Yes ☐ No ☐ N/A
- Were soil borings taken at the tank system closure site as prescribed? ☐ Yes ☐ No ☒ N/A
- Attach the analytical results in tabular form and include the following information about each sample:
  - Customer sample number (keyed to the site map)
  - The depth of the soil sample
  - Soil boring logs
  - Method detection limit of the method used
  - QA/QC Information as required

D. Ground Water Monitoring

1. Number of ground water monitoring wells installed N/A
2. Attach the analytical results of the ground water samples in tabular form. Include the following information for each sample from each well:
  - a. Site diagram number for each well installed
  - b. Depth of ground water surface
  - c. Depth of screened interval
  - d. Method detection limit of the method used
  - e. Well logs
  - f. Well permit numbers
  - g. QA/QC Information as required

V. SOIL CONTAMINATION

- A. Was soil contamination found? ☒ Yes ☐ No  
If "Yes", please answer Question B-E  
If "No", please answer Question B
- B. The highest soil contamination still remaining in the ground has been determined to be:
  1. N/A ppb total BTEX, N/A ppb total non-targeted VOC
  2. N/A ppb total B/N, N/A ppb total non-targeted B/N
  3. 2,100 ppm TPHC
  4. N/A ppb N/A (for non-petroleum substance)
- C. Remediation of free product contaminated soils
  1. All free product contaminated soil on the property boundaries and above the water table are believed to have been removed from the subsurface ☒ Yes ☐ No
  2. Free product contaminated soils are suspected to exist below the water table ☐ Yes ☒ No
  3. Free product contaminated soils are suspected to exist off the property boundaries. ☐ Yes ☒ No
- D. Was the vertical and horizontal extent of contamination determined? ☒ Yes ☐ No ☐ N/A
- E. Does soil contamination intersect ground water? ☒ Yes ☐ No ☐ N/A

VI. GROUND WATER CONTAMINATION

- A. Was ground water contamination found? ☒ Yes ☐ No  
If "Yes", please answer Questions B-G. *Small amount of free-floating product removed from groundwater*  
If "No", please answer only Question B.
- B. The highest ground water contamination at any 1 sampling location and at any 1 sampling event to date has been determined to be:
  1. N/A ppb total BTEX, N/A ppb total non-targeted VOC
  2. N/A ppb total B/N, N/A ppb total non-targeted B/N
  3. N/A ppb total MTBE, N/A ppb total TBA
  4. N/A ppb N/A (for non-petroleum substance)
  5. greatest thickness of separate phase product found N/A
  6. separate phase product has been delineated ☐ Yes ☐ No ☒ N/A
- C. Result(s) of well search
  1. A well search (including a review of manual well records) indicates that private, municipal or commercial wells do exist within the distances specified in the Scope of Work. ☐ Yes ☐ No ☒ N/A
  2. The number of these wells identified is N/A.

D. Proximity of wells and contaminant plume

1. The shallowest depth of any well noted in the well search which may be in the horizontal or vertical potential path(s) of the contaminant plume(s) is N/A feet below grade (consideration has been given for the effects of pumping, subsurface structures, etc. on the direction(s) of contaminant migration). This well is N/A feet from the source and its screening begins at a depth of N/A feet.
2. The shallowest depth to the top of the well screen for any well in the potential path of the plume(s) (as described in D1 above) is N/A feet below grade. This well is located N/A feet from the source.
3. The closest horizontal distance of a private, commercial or municipal well in the potential path of the plume (as determined in D1) is N/A feet from the source. This well is N/A feet deep and screening begins at a depth of N/A feet.

E. A plan for separate phase product recovery has been included. ☐ Yes ☐ No ☒ N/A

F. A ground water contour map has been submitted which includes the ground water elevations for each well.  
☐ Yes ☐ No ☒ N/A

G. Delineation of contamination

1. The ground water contaminants have been delineated to MCLs or lower values at the property boundaries. ☐ Yes ☒ No
2. The plume is suspected to continue off the property at concentrations greater than MCLs.  
☐ Yes ☒ No
3. Off property access (circle one): N/A is being sought ☐ has been approved ☐ has been denied

VII. SITE ASSESSMENT CERTIFICATION [preparer of site assessment plan - N.J.A.C. 7:14B-8.3(b) & 9.5(a)3]

The person signing this certification as the "Qualified Ground Water Consultant" (as defined in N.J.A.C. 7:14B-1.6) responsible for the design and implementation of the site assessment plan as specified in N.J.A.C. 7:14B-8.3(a) & 9.2(b)2, must supply the name of the certifying organization and certification number.

*"I certify under penalty of law that the information provided in this document is true, accurate, and complete and was obtained by procedures in compliance with N.J.A.C. 7:14B-8 and 9. I am aware that there are significant penalties for submitting false, inaccurate, or incomplete information, including fines and/or imprisonment."*

NAME (Print or Type) Christanna SIGNATURE Christanna

COMPANY NAME Direct Environmental Inc DATE 7/26/93  
(Preparer of Site Assessment Plan)

CERTIFYING ORGANIZATION USDEPE CERTIFICATION NUMBER 60000310

VIII. TANK DECOMMISSIONING CERTIFICATION [person performing tank decommissioning portion of closure plan - N.J.A.C. 7:14B-9.5(a)4]

"I certify under penalty of law that tank decommissioning activities were performed in compliance with N.J.A.C. 7:14B-9.2(b)3. I am aware that there are significant penalties for submitting false, inaccurate, or incomplete information, including fines and/or imprisonment."

NAME (Print or Type) Chris Lanna SIGNATURE Chris Lanna  
COMPANY NAME Direct Environmental DATE 7/26/93  
(Performer of Tank Decommissioning)

IX. CERTIFICATIONS BY THE RESPONSIBLE PARTY(IES) OF THE FACILITY

A. The following certification shall be signed by the highest ranking individual with overall responsibility for that facility [N.J.A.C. 7:14B-2.3(c)1].

"I certify under penalty of law that the information provided in this document is true, accurate, and complete. I am aware that there are significant penalties for submitting false, inaccurate, or incomplete information, including fines and/or imprisonment."

NAME (Print or Type) Jeffrey Garber SIGNATURE Jeffrey Garber  
COMPANY NAME Kleer Kart DATE 7/27/93

B. The following certification shall be signed as follows [according to the requirements of N.J.A.C. 7:14B-2.3(C)2]:

1. For a corporation, by a principal executive officer of at least the level of vice president.
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
3. For a municipality, State, Federal or other public agency by either the principal executive officer or ranking elected official.
4. In cases where the highest ranking corporate partnership, governmental officer or official at the facility as required in A above is the same person as the official required to certify in B, only the certification in A need to be made. In all other cases, the certifications of A and B shall be made.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false, inaccurate, or incomplete information, including fines and/or imprisonment."

NAME (Print or Type) J.A. Mullan SIGNATURE J.A. Mullan  
COMPANY NAME Kleer Kart Div. PMC DATE 7/27/93





**SITE ASSESSMENT SUMMARY REPORT**

**FOR**

**KLEER KAST  
450 SCHUYLER AVENUE  
KEARNY, NEW JERSEY**

**PREPARED BY:**

**DIRECT ENVIRONMENTAL, INC.  
290 SANFORD STREET  
EAST ORANGE, NEW JERSEY  
(201) 677-1800**

**VOLUME 1**

**JULY, 1993**



**PCF 000621**

**SITE ASSESSMENT SUMMARY REPORT**

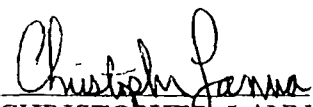
**FOR**

**KLEER KAST  
450 SCHUYLER AVENUE  
KEARNY, NEW JERSEY**

**PREPARED BY:**

**DIRECT ENVIRONMENTAL, INC.  
290 SANFORD STREET  
EAST ORANGE, NEW JERSEY**

**AUTHORED BY:**

  
**CHRISTOPHER LANNA  
TECHNICAL SUPERVISOR**

**REVIEWED BY:**

  
**ALAN J. IANUZZI, P.E.  
MANAGER, TECHNICAL SERVICE**



**PCF 000622**

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## INTRODUCTION

In compliance with the New Jersey Department of Environmental Protection and Energy (NJDEPE), Bureau of Underground Storage Tanks (BUST), Direct Environmental, Inc. (Direct) has been retained by Kleer Kast, A Division of PMC, Inc. (Kleer Kast) to aid in the closure of one 3,000 gallon, one 5,000 gallon, one 10,000 gallon, and one 15,000 gallon #6 fuel oil Underground Storage Tanks (USTs). The tanks are owned by Kleer Kast and were located at 450 Schuyler Avenue, Kearny, New Jersey. Refer to **Figure 1** for a Site Location Map.

The facility's tank registration number is #0243218. The Underground Storage Tank Closure Approval numbers are C93-0834 and C93-0835. Refer to **Appendix 1** for the Underground Storage Tank Closure Approvals. The 3,000 gallon and 5,000 gallon USTs were removed on April 8, 1993. The 10,000 gallon UST was removed on April 15, 1993. The 15,000 gallon UST was removed on April 26, 1993.

## SITE CONDITIONS

The site is located at 450 Schuyler Avenue, Kearny, New Jersey. The surrounding area is a mixture of Industrial, commercial and residential developments. A site map showing the locations of the tanks can be found as **Figure 2**.

## SUBSURFACE CONDITIONS

The site is located within soils that has been highly disturbed by urban development (Urban Lands).

Urban land consists of areas that have been developed for residential, commercial, or industrial use. During development these areas were leveled or cut and filled to such an extent that up to 85 percent of the original soil has been altered. Slopes are from 1 to 5 percent.

## REGIONAL GEOLOGY

The project site is located within the Brunswick Shale Formation (Trb.). The Brunswick Shale Formation beds are chiefly soft red shale with some interbedded sandstone, which becomes more abundant and somewhat coarser towards the northeast. The uniform presences of finely disseminated mica in the Brunswick Formation indicates that the sediments were largely derived from the erosion of the Pre-Cambrian crystalline rocks, of the New Jersey Highlands, to the Northwest.

## SITE ACTIVITIES

On April 7, 1993, Direct began the approved Closure of the USTs located at the Kleer Kast Site. The decommissioning process was executed according to the following approved plan:



PCF 000624

## SAMPLE COLLECTION AND ANALYTICAL RESULTS

All samples were analyzed at Northeastern Analytical Corporation (NAC). NAC is located at 4 East Stow Road, Marlton, New Jersey. NAC is a New Jersey Certified Laboratory, NJDEPE No. 03117.

### Excavation #1 - 5,000 & 3,000 Gallon #6 Fuel Oil USTs

The dimensions of the 5,000 gallon UST are 72" in diameter by 24' long. The dimensions of the 3,000 gallon UST are 64" in diameter by 18' long. The excavation hole, which contained both USTs, was 17' wide by 30' long. Groundwater was found at 7.0' below grade. Seven samples (KKT1#1 through KKT1#7) were obtained from the sidewalls of the 5,000 gallon UST. Seven samples (KKT2#1 through KKT2#7) were obtained from the sidewalls of the 3,000 gallon UST. Samples were obtained from 6 inches above groundwater level (6.5 feet). Samples were analyzed for Total Petroleum Hydrocarbons (TPHC) and Polynuclear Aromatic Hydrocarbons (PAH). Please refer to **Figure 3** for a Sample Location Map and **Figure 4** for a Excavation Cross-section Map. For full analytical results refer to **Appendix 8**. The following is a summary of the analytical results:

#### **5,000 Gallon #6 Fuel Oil UST**

COMPOUND	KKT1#1	KKT1#2	KKT1#3	KKT1#4	KKT1#5	KKT1#6	KKT1#7
NAPHTHALENE	U	U	U	U	U	U	U
ACENAPHTHYLENE	U	U	U	U	U	U	U
ACENAPHTHENE	U	U	U	U	U	U	U
FLUORENE	U	U	U	U	U	U	U
PHENANTHIRENE	0.049 J	0.180 J	U	U	U	0.095 J	0.062 J
ANTHRACENE	U	0.050 J	U	U	U	U	U
FLUORANTHENE	0.240 J	0.610	U	U	U	0.390 J	0.270 J
PYRENE	0.200 J	0.480	U	U	U	0.370 J	0.250 J
BENZO(a)ANTHRACENE	0.130 J	0.260 J	U	U	U	0.230 J	0.150 J
CHRYSENE	0.140 J	0.290 J	U	U	U	0.260 J	0.170 J
BENZO(b)FLUORANTHENE	0.096 J	0.180 J	U	U	U	0.240 J	0.140 J
BENZO(k)FLUORANTHENE	0.100 J	0.270 J	U	U	U	0.190 J	0.160 J
BENZO(a)PYRENE	0.100 J	0.280 J	U	U	U	0.240 J	0.180 J
INDENO(1,2,3-cd)PYRENE	0.078 J	0.170 J	U	U	U	0.180 J	0.13
DIBENZO(a,h)ANTHRACENE	U	U	U	U	U	0.074 J	U
BENZO(a,h,i)PERYLENE	0.550 J	0.180 J	U	U	U	0.19	U
TPHC	160	16	16	21	29	30	42

J - Below the limits of reliable quantitation

U - Not Detected

All results in ppm.

### 3,000 Gallon #6 Fuel Oil UST

COMPOUND	KKT2#1	KKT2#2	KKT2#3	KKT2#4	KKT2#5	KKT2#6	KKT2#7
NAPHTHALENE	U	U	U	U	U	U	U
ACENAPHTHYLENE	U	U	U	U	U	U	U
ACENAPHTHENE	U	U	U	U	U	U	U
FLUORENE	U	U	U	U	U	U	U
PHENANTHRENE	U	U	U	U	U	U	U
ANTHRACENE	U	U	U	U	U	U	U
FLUORANTHENE	U	U	U	U	U	U	U
PYRENE	U	U	U	U	U	U	U
BENZO(a)ANTHRACENE	U	U	U	U	U	U	U
CHRYSENE	U	U	U	U	U	U	U
BENZO(b)FLUORANTHENE	U	U	U	U	U	U	U
BENZO(k)FLUORANTHENE	U	U	U	U	U	U	U
BENZO(a)PYRENE	U	U	0.200 J	U	U	U	U
INDENO(1,2,3-cd)PYRENE	U	U	U	U	U	U	U
DIBENZO(a,h)ANTHRACENE	U	U	U	U	U	U	U
BENZO(a,h,i)PERYLENE	U	U	U	U	U	U	U
TPHC	190	54	950	110	220	2,100	38

J - Below the limits of reliable quantitation

U - Not Detected

All results in ppm.

The following is a soil log for this excavation:

0.0 - 0.75' Asphalt  
0.75 - 7.0 5 YR 4/4 Sandy Loam  
7.0 - 8.0 Fractured Shale  
8.0 - Rock Refusal (Shale)

### Excavation #2 - 10,000 & 15,000 Gallon #6 Fuel Oil USTs

The dimensions of the 10,000 gallon UST are 120" in diameter by 17' long. The dimensions of the 15,000 gallon UST are 120" in diameter by 25' long. The excavation hole, which contained both USTs, was 28' wide by 30' long. Groundwater was found at 7.0' below grade. Seven samples (KKT3#1 through KKT3#7) were obtained from the sidewalls of the 10,000 gallon UST. Four samples (KKT4#1 through KKT4#4) were obtained from the two available sidewalls of the 15,000 gallon UST. Samples could not be obtained from the southwest wall of the excavation. The south wall of the excavation extended to the boiler building footings. Samples were obtained from 6 inches above groundwater level (6.5 feet). Samples were analyzed for Total Petroleum Hydrocarbons (TPHC) and Polynuclear Aromatic Hydrocarbons (PAH). Please refer to **Figure 3** for a Sample Location Map and **Figure 4** for a Excavation Cross-section Map. For full analytical results refer to **Appendix 8**. The following is a summary of the analytical results:

#### 10,000 gallon #6 Fuel Oil UST

COMPOUND	KKT3#1	KKT3#2	KKT3#3	KKT3#4	KKT3#5	KKT3#6	KKT3#7
NAPHTHALENE	U	U	0.200 J	U	U	0.035 J	U
ACENAPHTHYLENE	U	U	U	U	U	U	U
ACENAPHTHENE	U	U	0.038 J	U	U	U	U
FLUORENE	U	U	0.075 J	U	U	U	U
PHENANTHRENE	U	U	0.260 J	U	U	0.077 J	U
ANTHRACENE	U	U	U	U	U	U	U
FLUORANTHENE	U	U	U	U	U	U	U
PYRENE	U	U	U	U	U	U	U
BENZO(a)ANTHRACENE	U	U	U	U	U	U	U
CHRYSENE	U	U	0.071 J	U	U	U	U
BENZO(b)FLUORANTHENE	U	U	U	U	U	U	U
BENZO(k)FLUORANTHENE	U	U	U	U	U	U	U
BENZO(a)PYRENE	U	U	U	U	U	U	U
INDENO(1,2,3-cd)PYRENE	U	U	U	U	U	U	U
DIBENZO(a,h)ANTHRACENE	U	U	U	U	U	U	U
BENZO(a,h,i)PERYLENE	U	U	U	U	U	U	U
TPHC	91	180	20	24	26	580	29

J - Below the limits of reliable quantitation

U - Not Detected

All results in ppm.

# 15,000 Gallon #6 Fuel Oil UST

COMPOUND	KKT4#1	KKT4#2	KKT4#3	KKT4#4
NAPHTHALENE	U	U	U	U
ACENAPHTHYLENE	U	U	U	U
ACENAPHTHENE	U	U	U	U
FLUORENE	U	U	U	U
PHENANTHRENE	1.500 J	0.057 J	U	1.100 J
ANTHRACENE	U	U	U	U
FLUORANTHENE	2.100 J	0.044 J	U	1.700 J
PYRENE	2.100 J	0.050 J	U	1.600 J
BENZO(a)ANTHRACENE	1.300 J	U	U	0.860 J
CHRYSENE	1.600 J	0.051 J	U	1.200 J
BENZO(b)FLUORANTHENE	0.840 J	U	U	0.830 J
BENZO(k)FLUORANTHENE	0.850 J	U	U	0.620 J
BENZO(a)PYRENE	1.00 J	0.035 J	U	0.840 J
INDENO(1,2,3-cd)PYRENE	U	U	U	0.520 J
DIBENZO(a,h)ANTHRACENE	U	U	U	U
BENZO(a,h,i)PERYLENE	0.640 J	U	U	0.530 J
TPHC	11,000	490	280	7,700

J - Below the limits of reliable quantitation

U - Not Detected

All results in ppm.

The following is a soil log for this excavation:

0.0 - 0.75' Asphalt  
0.75 - 8.0' 5 YR 4/4 Sandy Loam  
8.0 - 9.0' Fractured Shale  
9.0' - Rock Refusal (Shale)

## CONCLUSION

### Excavation #1

All contaminated soil has been removed from the former UST excavation. A limited amount of free-product was observed in the excavation. Any free-floating product was limited to the excavation area due to the following two reasons; 1)#6 oil is not very mobile and 2) the bottom of the excavation was in rock. All free-product has been removed from the groundwater. All post-excavation samples are below current NJDEPE standards. Direct Environmental, Inc. recommends that this UST Closure be closed out.



## Excavation #2

All contaminated soil around the 10,000 gallon UST has been removed. A limited amount of free-floating product has been removed from the groundwater in the excavation. Groundwater infiltrating into the excavation after the removal of free-product did not contain any visible #6 oil. All contaminated soil that could be removed without jeopardizing the integrity of existing sewerlines, storm drains and underground utilities has been removed.

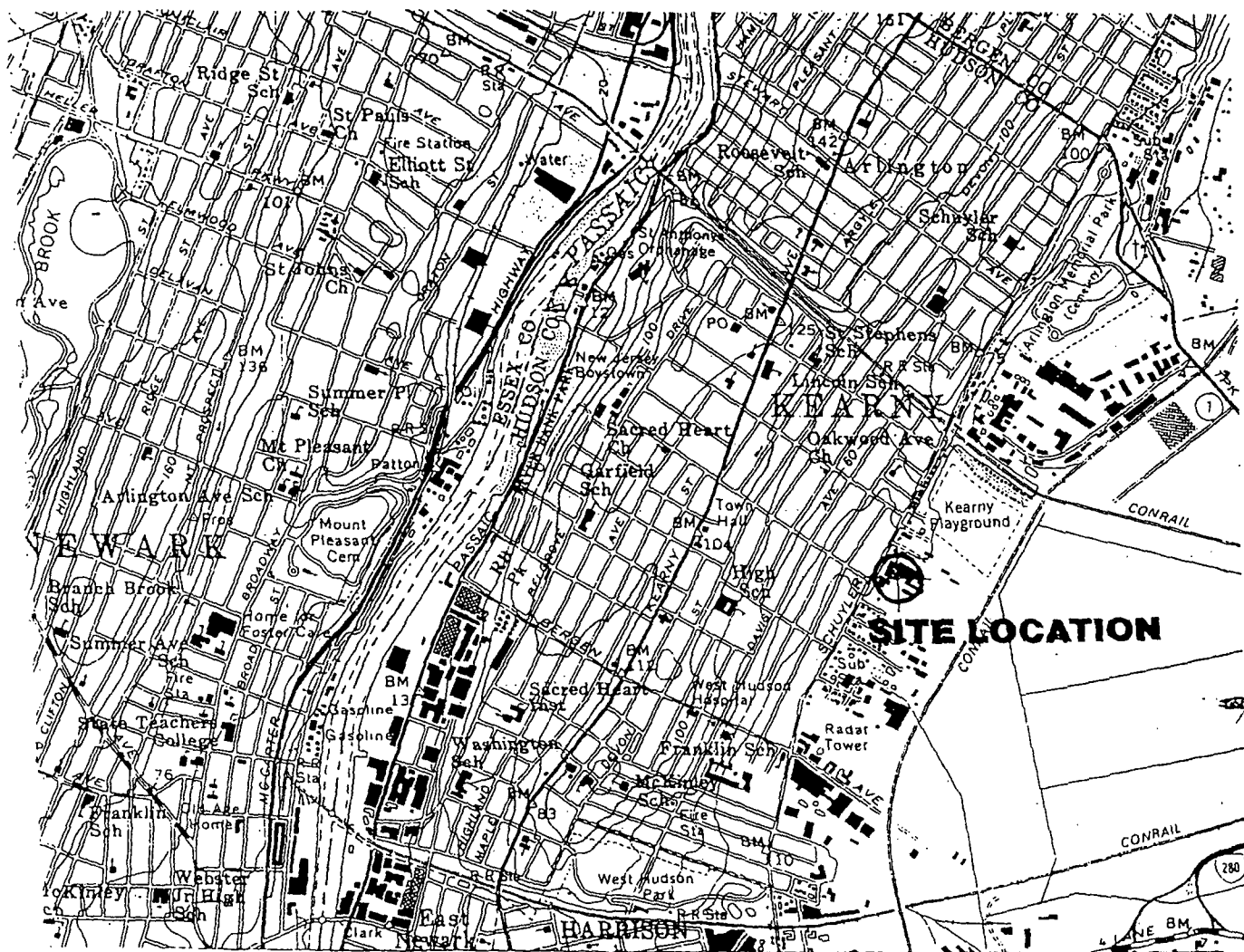
Samples KKT4#1 and KKT4#4 had Benzo(a)Pyrene results above both the residential and non-residential standard of 0.66 ppm. The NJDEPE allows the averaging of individual compounds. An average of all the Benzo(a)Pyrene sample results from the excavation are below the residential and non-residential standards.

Sample KKT4#1 also had Benzo(a)Anthracene level above the residential standard of 0.9 ppm but below the non-residential standard of 4.0 ppm. An average of all the Benzo(a)Anthracene samples from the excavation are below the residential standard of 0.9 ppm.

Sample KKT4#1 is above the current NJDEPE Total Organic contaminant level of 10,000. An average of the TPHC results from the southeast sidewall (4867.5 ppm) is below the NJDEPE standard of 10,000 ppm. All other samples (KKT4#4, KKT3#6, and KKT3#7) on the southeast sidewall of excavation #2 are below NJDEPE Cleanup Standards for Total Organics.

Direct Environmental, Inc. recommends that this UST Case be closed out.

**FIGURE 1**



DIRECT  
ENVIRONMENTAL

# SITE LOCATION MAP

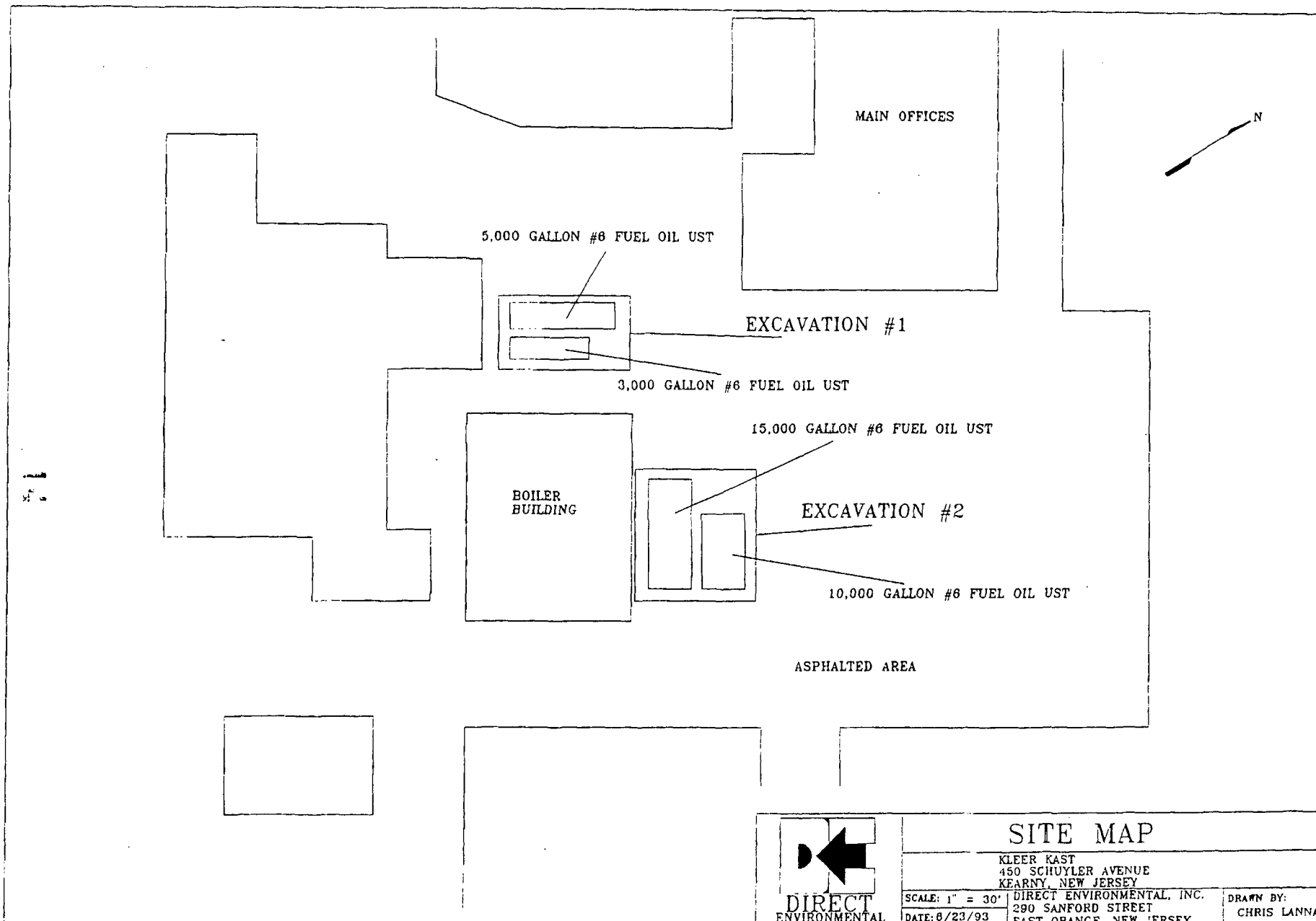
KLEER KAST DIVISION, PMC INC.  
450 SCHUYLER AVENUE  
KEARNY, NEW JERSEY

SCALE: NONE  
DATE: 2/14/93

DIRECT ENVIRONMENTAL, INC.  
290 SANFORD STREET  
EAST ORANGE, N.J. 07018

BY: JIS LANNA

**FIGURE 2**



# SITE MAP

KLEER KAST  
450 SCHUYLER AVENUE  
KEARNY, NEW JERSEY

SCALE: 1" = 30'  
DATE: 8/23/93

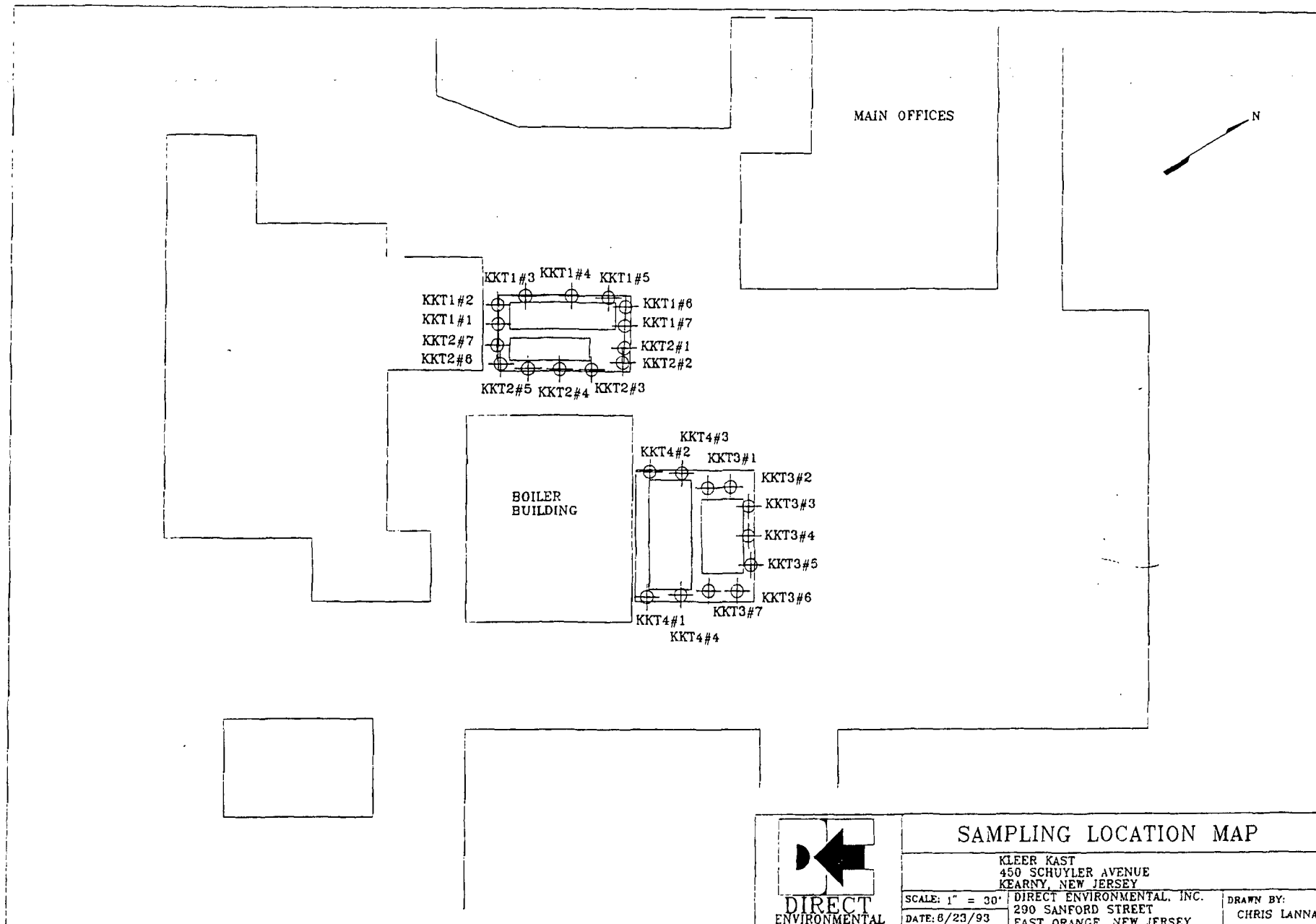
DIRECT ENVIRONMENTAL, INC.  
290 SANFORD STREET  
EAST ORANGE, NEW JERSEY

DRAWN BY:  
CHRIS LANNA

**FIGURE 3**

16

PCF 000635



# SAMPLING LOCATION MAP

KLEER KAST  
450 SCHUYLER AVENUE  
KEARNY, NEW JERSEY

SCALE: 1" = 30'  
DATE: 6/23/93

DIRECT ENVIRONMENTAL, INC.  
290 SANFORD STREET  
EAST ORANGE, NEW JERSEY

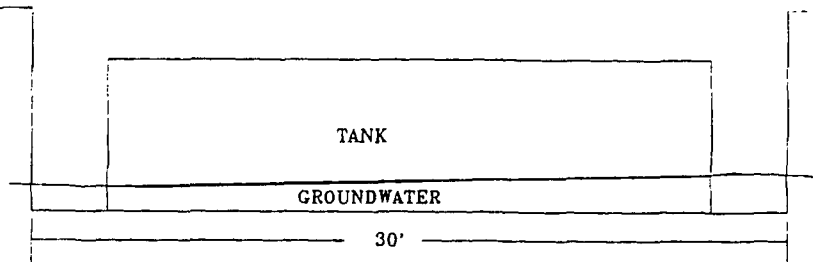
DRAWN BY:  
CHRIS LANNA

**FIGURE 4**

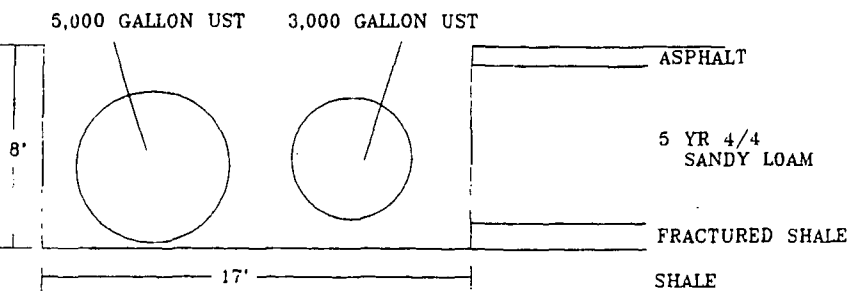


# EXCAVATION #1

SIDE VIEW

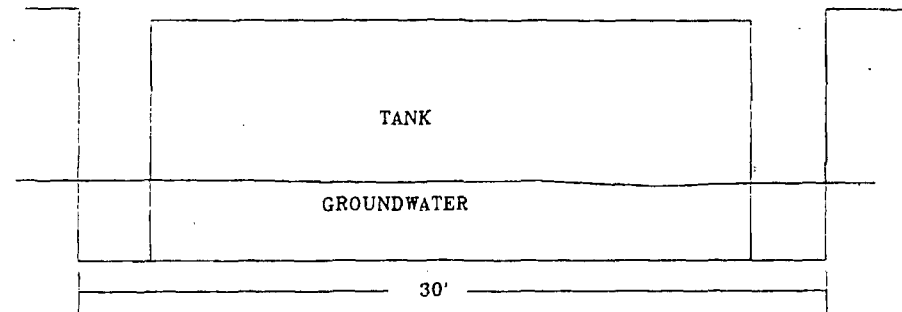


END VIEW

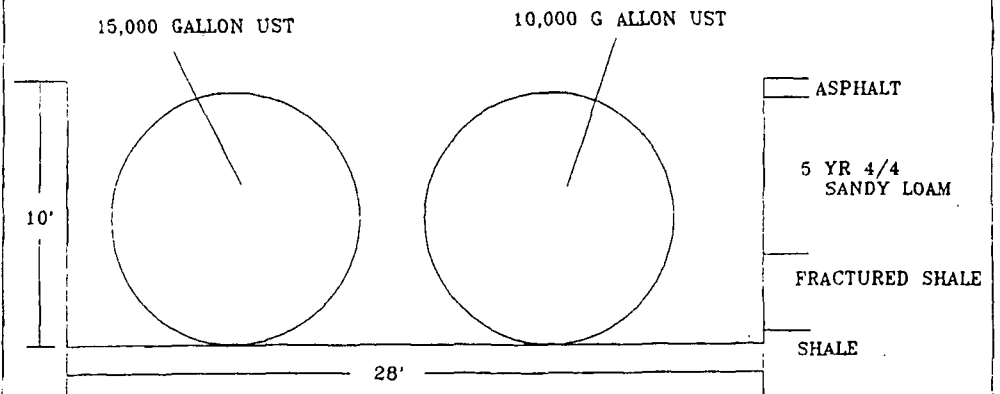


# EXCAVATION #2

SIDE VIEW



END VIEW



## EXCAVATIONS CROSS-SECTION MAP

KLEER KAST  
450 SCHUYLER AVENUE  
KEARNY, NEW JERSEY

SCALE: AS SHOWN  
DATE: 8/23/93  
DIRECT ENVIRONMENTAL, INC.  
290 SANFORD STREET  
EAST ORANGE, NEW JERSEY

DRAWN BY:  
CHRIS LANNA



STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY  
Environmental Regulation  
Wastewater Facilities Regulation Element  
CN 029  
Trenton, NJ 08625-0029

KLEER KAST DIV OF PMC INC  
450 SCHUYLER AVENUE  
KEARNY NJ 07032

SEP 03 1993

RE: Violation of Effluent Limits or Parameter Reporting  
Requirements NJPDES Permit No: NJ0031313

Dear Permittee:

The New Jersey Department of Environmental Protection and Energy (Department) has issued your facility a New Jersey Pollutant Discharge Elimination System (NJPDES) permit pursuant to the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq. The permit requires that discharge monitoring results obtained during the previous monitoring period shall be summarized and reported to the Department on Discharge Monitoring Report (DMR) forms.

Your NJPDES permit requires that you submit to the Department a report concerning any non-compliance, including the action taken to correct it and prevent its continuation or recurrence. Additionally, the Clean Water Enforcement Amendments to the New Jersey Water Pollution Control Act and the regulations adopted pursuant thereto, specify reporting requirements for claiming an affirmative defense for certain violations.

The Department has reviewed the DMR submitted for your facility for the period ending 93/07/31. This review indicated that you are not complying with one or more effluent limitations or parameter reporting requirements specified in your permit. These apparent violations are noted on the attached violation summary forms.

Please review the subject DMR carefully against the information on the violation summary form. If there is a discrepancy between the DMR information you submitted and the data listed on the violation summary form you must immediately submit a copy of the submitted DMR with a notation of the discrepancy to the Bureau of Permit Management, CN029, Trenton, NJ 08625-0029. If your DMR was incomplete or completed incorrectly you must submit a revised DMR to the Bureau of Permit Management with a copy to this office. The corrected information must be submitted in red ink and each revised value must be initialed and dated by the original signatory. DMRs must be completed in accordance with the Department's Discharge Monitoring Report Instruction Manual (Revised June 1991).

Nothing shall preclude the Department from assessing penalties if the missing DMR effluent parameter information was not inadvertently omitted or if the Department was not notified within 30 days of the DMR due date of the existence of extenuating circumstances beyond the control of the permittee. Failure to submit missing effluent parameter data within ten (10) days from receipt of this letter subjects you to mandatory civil administrative penalties of \$100 per parameter per day up to a maximum of \$50,000 per DMR. These penalties accrue as of the fifth day following the date on which the DMR was due.

If the information listed on the enclosed form is correct and you have fulfilled your non-compliance reporting requirements, no response to this letter is necessary. The violations will be evaluated and addressed during the Department's compliance evaluation inspection process.

Very truly yours,

Peter T. Lynch, Chief

Metro Bureau of Water &  
Hazardous Waste Enforcement  
2 Babcock Place  
West Orange, NJ 07052-5504

Enclosure

er: NJ0031313 Facility Name: KLEER KAST DIV OF PMC INC

Monitoring Period End Date: 93/07/31 Pipe Num: 001A Mon. Loc.: 1

PARAMETER: 00010 DESCRIPTION: TEMPERATURE, WATER DEG. CENTIGRADE

VIOLATION: E90 NUMERIC VIOLATION

QUANTITY			CONCENTRATION	
Average	Maximum	Minimum	Average	Maximum
MEASUREMENT:			32.2000	32.2000

\*\*\*\*\*





**KleerKast**

"A Division of PMC INC."

450 Schuyler Avenue  
Kearny, New Jersey 07032 | 13 PM '93

RECEIVED  
DIVISION OF FACILITY  
WIDE ENFORCEMENT  
WATER & HAZARDOUS  
WASTE ENFORCEMENT  
METRO BUREAU

September 19, 1993

Kevin Marlowe  
Senior Environmental Specialist  
New Jersey Department of  
Environmental Protection and Energy  
Metro Bureau of Water and Hazardous Waste Enforcement  
Division of Facility Wide Enforcement  
2 Babcock Place  
West Orange, New Jersey 07052

RE: Violation of Effluent Limits or Parameter Reporting  
Requirements NJPDES Permit No: NJ0031313

Dear Mr. Marlowe:

Kleer Kast received a violation from your office for reporting a water temperature of 32.2 C, which is greater than the maximum allowable temperature of 30 C permitted by NJPDES permit no. NJ0031313. The high water temperature was caused by an air temperature over 100 F for over one week. This was only a temporary condition since the water temperature recorded during sampling for the months of August and September was only 26.7 and 28.8 C, which is within permit limits. Based on a conversation I had with you on September 13, you stated that: "given the information relayed to me, there is nothing I can do at this time since this is just a one-time occurrence". According to Kleer Kast records, this is the only time the temperature has exceeded 30 C since the permit was granted. In the future, Kleer Kast will do everything possible to keep the water temperature below 30 C.

Please call me at (201) 997-1880 if you have any questions.

Sincerely,

Jeffrey Gerber  
Environmental/Safety Manager

as

CC: USEPA Region II  
J.A. Mulligan  
M. Miller

TEL: (201) 997-1880

FAX: (201) 997-8071

TWX: 5106001641

PCF 000641







State of New Jersey  
Department of Environmental Protection  
Division of Responsible Party Site Remediation  
CN 028

Trenton, NJ 08625-0028

Tel. # 609-633-0898

Fax. # 609-984-5536

Jeanne M. Fox  
Acting Commissioner

Karl J. Delaney  
Director

J.A. Mulligan  
12243 Branford Street  
Sun Valley, CA 91352

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Re: Kleer Kast  
450 Schuyler Avenue  
Kearny Town, Hudson County  
Case #93-04-01-1515  
UST #0243218  
TMS #C93-0834, C93-0835

SEP 30 1993

Dear Mr. Mulligan:

On April 1, 1993, the New Jersey Department of Environmental Protection and Energy (Department) received notification of a discharge of hazardous substances from the above referenced facility which is/are regulated under the Underground Storage of Hazardous Substance Act (N.J.S.A. 58:10A-21 et seq). The Department received a remedial investigation report prepared by Direct Environment, Inc. dated July 1993 indicating the actions which were taken in compliance with our requirements.

During April 1993, one 3,000 gallon, one 5,000 gallon, one 10,000 gallon and one 15,000 gallon underground storage tanks were removed. Contaminated soil was noted in each excavation. Product was noted floating on the ground water present in the excavation of the two largest tanks (excavation #2). Approximately 330 tons of contaminated soil and 18,400 gallons of product and water were removed from the site. Twenty five soil samples were taken and analyzed for petroleum hydrocarbons (TPHC) and base neutral extractable compounds (BN).

I. Deficiencies/Requirements

Based upon a review of the remedial investigation completed to date, the following deficiencies shall be addressed as required below.

A. Remedial Investigation

1. Samples KKT3-1 through 7 were obtained on April 16, 1993 and relinquished to the laboratory on April 21, 1993. Samples KKT2-1 through 7 were obtained on April 8, 1993 and relinquished to the laboratory on April 12, 1993. The May 1992 edition of the Department's Field Sampling Procedures Manual states:

"Blanks and their associated samples may be held on-site for no longer than two calendar days, and must arrive back in the lab within one day of shipment from the field."

These samples exceeded the three day maximum holding time allowed before relinquishing to the laboratory. Kler Kast shall submit to the Department a letter from the laboratory stating the condition of the samples when received and the method of preservation noted when received. In addition, information shall be submitted documenting the method of preservation during the time the samples were held and the method of security maintained by Direct Environmental, Inc. Kler Kast shall submit an explanation for the delay in relinquishing these samples to the laboratory.

2. Soil

- a. Soil sample KKT4-1 contained TPHC in excess of 10,000 parts per million (ppm). Kler Kast shall determined the horizontal and vertical extent of this contamination and remediate to acceptable levels.
- b. Within excavation #2, two samples exceeded the Department Residential Direct Contact Cleanup Criteria of 0.66 ppm for several compounds. They are benzo (A) anthracene, chrysene, benzo (B) fluoranthene, benzo (K) fluoranthene, and benzo (A) pyrene. Kler Kast shall determine the horizontal and vertical extent of the contamination and remediate to acceptable levels.
- c. Although chemical analyses were performed on all twenty five samples for BN, no library search for tentatively identified compounds was submitted. Kler Kast shall submit the library searches for all samples.

3. Ground Water

Product was noted to be floating on the ground water in excavation #2. Product contaminated soil was noted in both excavations within two feet of ground water. Kler Kast shall install ground water monitoring in wells at the locations of both excavations. Ground water shall be analyzed for volatile organic compounds (VOC) using EPA method 624 + 10 (or 15) and BN using EPA method 625 +10 (or 15).

B. Quality Assurance

All data submitted shall conform to the "Reduced Laboratory Deliverables Format" consistent with the guidance contained in the rule "Technical Requirements for Site Remediation", N.J.A.C. 7:26E (use the attached quality assurance checklists).

C. General

Notify the assigned case manager at least 14 calendar days prior to implementation of all field activities. If Kler Kast fails to initiate sampling within 30 calendar days of the receipt of this letter, any requests for an extension of the required time frames may be denied.

After remediation of the soil and ground water has been completed the responsible party is requested to submit the total capital costs involved in performing and confirming a cleanup as well as the costs associated with the proper disposal of all wastes generated during the cleanup. Costs to be reported include monitoring systems, equipment and mobilization costs; operational and maintenance costs, including all labor, utilities and repairs; consulting and labor costs, and sample costs; all disposal costs, including transport, waste transfer and facility tipping fees as well as regulatory review fees.

II. Reporting Requirements

A written report (RI Addendum Report) shall be submitted to this Bureau at the above address, within 90 days of receipt of this letter, specifying all activities conducted in compliance with the requirements listed in this letter. To facilitate

processing, please reference the Case number and UST number in the report. In addition, if soil or ground water contamination is present, a Remedial Action Workplan shall be submitted with RI Addendum Report. If no further remediation is required for the site, a proposal for no further action shall be submitted.

### III. Certification

It is important to note that effective April 25, 1992, all persons performing tank services must be certified per N.J.S.A. 58:10A-24.1-8. All work related to any tank service shall now be conducted by, or under the immediate on site supervision of an individual certified in the activity being conducted. All documents (permit applications, reports, proposals) submitted to the Department shall be prepared and signed by a certified individual.

### IV. Technical Requirements

The "Technical Requirements for Site Remediation" rules (N.J.A.C. 7:26E) appeared in the June 7, 1993 New Jersey Register and became effective on July 1, 1993. These rules contain the minimum technical requirements concerning the environmental investigation and remediation at contaminated sites or sites at which contamination is suspected. These rules are being used as the Department's primary technical document, replacing the Division of Responsible Party Site Remediation's Remedial Investigation Guide, the ECRA Cleanup Plan Guide, the Bureau of Underground Storage Tanks' (BUST) Scope of Work document (and appendices) and the BUST Technical Guidance Document. A copy of these rules can be obtained from your local library or through the Office of Administrative Law Publications at (609) 588-6606.

It should be noted that technical requirements are included in subchapters 7, 8 and 9 of the regulations implementing the Underground Storage of Hazardous Substances Act (N.J.A.C. 7:14B-1-13 and 15). The responsible person(s) that are conducting an environmental investigation/remediation should be following the "Technical Requirements for Site Remediation" to accomplish the investigation. This will allow for consistent evaluation of any discharges and potential impacts.

### V. Cleanup Criteria

The Department's most recent general guidance on contaminant cleanup criteria can be found in the April, 1993 edition of the "Site Remediation Newsletter". It must be remembered, however, that the actual cleanup goal at a particular site is determined by the Department on a case-by-case basis and may be different than that in the above referenced newsletter. This variation may be due to many factors, including, site specific human health and environmental exposure pathways, the presence of site contaminants not addressed in the newsletter, and site specific physical characteristics. In case specific situations, when the cleanup criteria is modified from one previously established for that specific site, the Department will make every effort to expeditiously notify the responsible party. Please consult the Case Manager listed below to discuss any modifications which may impact upon your remedial actions.

If the person conducting a cleanup does not wish to remediate a contaminated site consistent with the newsletter, they shall submit a proposal to their Case Manager listed below that details the site specific circumstances and technical rationale for cleanup goals on a case-by-case basis.

Please note that the Ground Water Quality Standards (N.J.A.C. 7:9- 6) have been adopted and appeared in the February 1, 1993 New Jersey Register. This rule adoption may impact upon the requirements for ground water remediation and soil cleanup (i.e. where the soil may contribute contaminants to the ground water above the applicable standards)

for a particular site and should be referenced and discussed with the Case Manager listed below.

VI. Compliance

If Klear Kast fails to submit the required report within the referenced due date, this case will be referred to the Bureau of Applicability and Compliance (BAC) for review. The Department may initiate enforcement action including, but not limited to, the assessment of penalties and revocation of tank operating registrations pursuant to N.J.S.A. 58:10A-21 et seq. and N.J.A.C. 7:14B-12. The Department reserves the right to implement all enforcement measures, including the right to revoke tank operating registrations and assess penalties from the original due date.

If the tank(s) at the referenced facility is/are regulated under the federal Hazardous and Solid Waste Amendments of 1984 and Klear Kast fails to comply with the above requirements, this case may be referred to the United States Environmental Protection Agency (USEPA) for violations of 40 CFR Part 280.

Please note, pursuant to N.J.S.A. 58:10A-21 et seq. and N.J.A.C. 7:14B et seq., the owner and operator of the regulated underground storage tanks are strictly liable for compliance with these requirements. Violators are liable for penalties of up to \$50,000 per day for each day of continuing violation and revocation of tank registrations.

Failure to comply with the requirements in this letter may result in the assessment of penalties as provided for by law. Pursuant to the Underground Storage of Hazardous Substances Act, N.J.S.A. 58:10A-21 et seq., violators are liable for penalties of up to \$50,000 per day for each day of continuing violation.

If you have any questions, please contact David S. Rubin, Principal Geologist Tank Management Section, Phase I of the Bureau of Underground Storage Tanks at (609) 984-3156.

Sincerely,

*Kevin F. Kratina (6)*

Kevin F. Kratina, Chief  
Bureau of Underground Storage Tanks

ISEE352

c: David S. Rubin, BUST, Certified Subsurface Evaluator  
Christopher Lanna, Direct Environmental, Inc.  
Gary Garetano, Hudson Regional Health Department

Enclosures:  
QA/QC Checklist



EPA		NPDES Compliance Inspection Report		Form Approved OMB No. 2040-0003 Approval Expires 7-31-85	
Section A: National Data System Coding					
Transaction Code W 25	NPDES NJ10103113113	W/mor/day 129311115	Inspection Type 102	Inspector 10A	Fac Type 2d2
Remarks					
21	Reserved	Facility Evaluation Rating 7d2	BI 71N	QA 7dN	Reserved 73 74 75 80
Section B: Facility Data					
Name and Location of Facility Inspected Kleer East/Division of PMC, Inc. 450 Schuyler Avenue Kearny, New Jersey 07032			Entry Time <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Permit Effective Date Mar. 01, 1987	
			Exit Time/Date PM/11/15/93	Permit Expiration Date Feb. 28, 1992	
Name(s) of On-Site Representative(s) Mr. Jeffrey Berber			Title(s) Environmental Safety Manager	Phone No(s) (201) 997-1880 x 3024	
Name, Address of Responsible Official Mr. John A. Mulligan			Title President	Phone No. (201) 997-1880 x 3010	
			Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	S	Flow Measurement	N/A	Pretreatment
S	Records/Reports	N	Laboratory	N/A	Compliance Schedules
M	Facility Site Review	U	Effluent/Receiving Waters	S	Self-Monitoring Program
				N/A	Operations & Maintenance
				N/A	Sludge Disposal
				U	Other: Housekeeping
Section D: Summary of Findings/Comments (Attach additional sheets if necessary)					
1) TSS value is entered into incorrect column on DMR. 2) Plastic pellets were seen floating in the sampling pit. 3) Facility's tenant (on facility's grounds) has an uncovered pit draining into the wastewater system at the base of the loading dock (outside), and a partially uncovered pit surrounded by litter inside. 4) The "mixing room" has many unlabeled, scattered drums and containers. 5) Refuse is "dumped" behind the facility, adjacent to the wetland into which outfall #001 discharges. "Dope" (filter cake waste) was found oozing out of the bottom of one bin. Materials are strewn about. 6) White powder was observed next to a storm drain. Storm drains are not equipped to prevent contaminants entering. [See inspection report for details.]					
Name(s) and Signature(s) of Inspector(s) Larissa Williams		Agency/Office/Telephone U.S. EPA / WPCB / 212-264-0382		Date 12/7/93	
Signature of Reviewer Philip Breco		Agency/Office EPA / WM-WPC / x9826		Date 12/8/93	
Action/Date		Regulatory Office Use Only		Date	
				Compliance Status <input type="checkbox"/> Noncompliance <input type="checkbox"/> Compliance	

ons F thru L: Complete on all inspections, as appropriate. N/A = Not Applicable

PERMIT NO.  
NJ0031313

SECTION F - Facility and Permit Background

ADDRESS OF PERMITTEE IF DIFFERENT FROM FACILITY  
(including City, County and ZIP code)

- SAME -

DATE OF LAST PREVIOUS INVESTIGATION BY EPA/STATE

Oct. 25, 1993 - CEI - State

FINDINGS

SECTION G - Records and Reports

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT. ☒ YES ☐ NO ☐ N/A (Further explanation attached \_\_\_\_\_)

DETAILS:

(a) ADEQUATE RECORDS MAINTAINED OF:

(i) SAMPLING DATE, TIME, EXACT LOCATION	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(ii) ANALYSES DATES, TIMES	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(iii) INDIVIDUAL PERFORMING ANALYSIS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(iv) ANALYTICAL METHODS/TECHNIQUES USED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(v) ANALYTICAL RESULTS (e.g., consistent with self-monitoring report data)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A

(b) MONITORING RECORDS (e.g., flow, pH, D.O., etc.) MAINTAINED FOR A MINIMUM OF THREE YEARS INCLUDING ALL ORIGINAL STRIP CHART RECORDINGS (e.g., continuous monitoring instrumentation, calibration and maintenance records).

☒ YES ☐ NO ☐ N/A

(c) LAB EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS KEPT.

☒ YES ☐ NO ☐ N/A

(d) FACILITY OPERATING RECORDS KEPT INCLUDING OPERATING LOGS FOR EACH TREATMENT UNIT.

☐ YES ☐ NO ☒ N/A

(e) QUALITY ASSURANCE RECORDS KEPT.

☒ YES ☐ NO ☐ N/A

(f) RECORDS MAINTAINED OF MAJOR CONTRIBUTING INDUSTRIES (and their compliance status) USING PUBLICLY OWNED TREATMENT WORKS.

☐ YES ☐ NO ☒ N/A

SECTION H - Permit Verification *Permit expired in Feb. '92; currently in process of renewal.*

INSPECTION OBSERVATIONS VERIFY THE PERMIT. ☒ YES ☐ NO ☐ N/A (Further explanation attached \_\_\_\_\_)

DETAILS:

(a) CORRECT NAME AND MAILING ADDRESS OF PERMITTEE.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(b) FACILITY IS AS DESCRIBED IN PERMIT.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(c) PRINCIPAL PRODUCT(S) AND PRODUCTION RATES CONFORM WITH THOSE SET FORTH IN PERMIT APPLICATION.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(d) TREATMENT PROCESSES ARE AS DESCRIBED IN PERMIT APPLICATION.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(e) NOTIFICATION GIVEN TO EPA/STATE OF NEW, DIFFERENT OR INCREASED DISCHARGES.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(f) ACCURATE RECORDS OF RAW WATER VOLUME MAINTAINED.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(g) NUMBER AND LOCATION OF DISCHARGE POINTS ARE AS DESCRIBED IN PERMIT.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(h) CORRECT NAME AND LOCATION OF RECEIVING WATERS.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(i) ALL DISCHARGES ARE PERMITTED. <i>One discharge: non-contact cooling + storm waters.</i>	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A

SECTION I - Operation and Maintenance

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED. ☐ YES ☐ NO ☒ N/A (Further explanation attached \_\_\_\_\_)

DETAILS:

(a) STANDBY POWER OR OTHER EQUIVALENT PROVISIONS PROVIDED.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(b) ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(c) REPORTS ON ALTERNATE SOURCE OF POWER SENT TO EPA/STATE AS REQUIRED BY PERMIT.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(d) SLUDGES AND SOLIDS ADEQUATELY DISPOSED.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(e) ALL TREATMENT UNITS IN SERVICE.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(f) CONSULTING ENGINEER RETAINED OR AVAILABLE FOR CONSULTATION ON OPERATION AND MAINTENANCE PROBLEMS.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(g) QUALIFIED OPERATING STAFF PROVIDED.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(h) ESTABLISHED PROCEDURES AVAILABLE FOR TRAINING NEW OPERATORS.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(i) FILES MAINTAINED ON SPARE PARTS INVENTORY, MAJOR EQUIPMENT SPECIFICATIONS, AND PARTS AND EQUIPMENT SUPPLIERS.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(j) INSTRUCTIONS FILES KEPT FOR OPERATION AND MAINTENANCE OF EACH ITEM OF MAJOR EQUIPMENT.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(k) OPERATION AND MAINTENANCE MANUAL MAINTAINED.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(l) SPEC PLAN AVAILABLE.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(m) REGULATORY AGENCY NOTIFIED OF BY PASSING. (Dates _____)	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(n) ANY BY-PASSING SINCE LAST INSPECTION.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
(o) ANY HYDRAULIC AND/OR ORGANIC OVERLOADS EXPERIENCED.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A

PERMIT NO. <b>NJ0031313</b>	
<b>SECTION J - Compliance Schedules</b>	
PERMITTEE IS MEETING COMPLIANCE SCHEDULE. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A (Further explanation attached _____)	
CHECK APPROPRIATE PHASE(S):	
<input type="checkbox"/> (a) THE PERMITTEE HAS OBTAINED THE NECESSARY APPROVALS FROM THE APPROPRIATE AUTHORITIES TO BEGIN CONSTRUCTION.	
<input type="checkbox"/> (b) PROPER ARRANGEMENT HAS BEEN MADE FOR FINANCING (mortgage commitments, grants, etc.).	
<input type="checkbox"/> (c) CONTRACTS FOR ENGINEERING SERVICES HAVE BEEN EXECUTED.	
<input type="checkbox"/> (d) DESIGN PLANS AND SPECIFICATIONS HAVE BEEN COMPLETED.	
<input type="checkbox"/> (e) CONSTRUCTION HAS COMMENCED.	
<input type="checkbox"/> (f) CONSTRUCTION AND/OR EQUIPMENT ACQUISITION IS ON SCHEDULE.	
<input type="checkbox"/> (g) CONSTRUCTION HAS BEEN COMPLETED.	
<input type="checkbox"/> (h) START-UP HAS COMMENCED.	
<input type="checkbox"/> (i) THE PERMITTEE HAS REQUESTED AN EXTENSION OF TIME.	
<b>SECTION K - Self-Monitoring Program</b>	
Part 1 - Flow measurement (Further explanation attached _____)	
PERMITTEE FLOW MEASUREMENT MEETS THE REQUIREMENTS AND INTENT OF THE PERMIT. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
DETAILS:	
(a) PRIMARY MEASURING DEVICE PROPERLY INSTALLED. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
TYPE OF DEVICE: <input type="checkbox"/> WEIR <input type="checkbox"/> PARSHALL FLOME <input type="checkbox"/> MAGNETER <input checked="" type="checkbox"/> VENTURI METER <input type="checkbox"/> OTHER (Specify: _____)	
(b) CALIBRATION FREQUENCY ADEQUATE. (Date of last calibration _____) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(c) PRIMARY FLOW MEASURING DEVICE PROPERLY OPERATED AND MAINTAINED. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(d) SECONDARY INSTRUMENTS (totalizers, recorders, etc.) PROPERLY OPERATED AND MAINTAINED. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(e) FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGES OF FLOW RATES. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
Part 2 - Sampling (Further explanation attached _____)	
PERMITTEE SAMPLING MEETS THE REQUIREMENTS AND INTENT OF THE PERMIT. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
DETAILS:	
(a) LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(b) PARAMETERS AND SAMPLING FREQUENCY AGREE WITH PERMIT. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(c) PERMITTEE IS USING METHOD OF SAMPLE COLLECTION REQUIRED BY PERMIT. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
IF NO, <input type="checkbox"/> GRAB <input type="checkbox"/> MANUAL COMPOSITE <input type="checkbox"/> AUTOMATIC COMPOSITE FREQUENCY _____	
(d) SAMPLE COLLECTION PROCEDURES ARE ADEQUATE. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(i) SAMPLES REFRIGERATED DURING COMPOSITING <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(ii) PROPER PRESERVATION TECHNIQUES USED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(iii) FLOW PROPORTIONED SAMPLES OBTAINED WHERE REQUIRED BY PERMIT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(iv) SAMPLE HOLDING TIMES PRIOR TO ANALYSIS IN CONFORMANCE WITH 40 CFR 136.3 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(e) MONITORING AND ANALYSES BEING PERFORMED MORE FREQUENTLY THAN REQUIRED BY PERMIT. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A	
(f) IF (e) IS YES, RESULTS ARE REPORTED IN PERMITTEE'S SELF-MONITORING REPORT. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
Part 3 - Laboratory (Further explanation attached _____)	
PERMITTEE LABORATORY PROCEDURES MEET THE REQUIREMENTS AND INTENT OF THE PERMIT. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
DETAILS: <u>State certified lab was not evaluated.</u>	
(a) EPA APPROVED ANALYTICAL TESTING PROCEDURES USED. (40 CFR 136.3) <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
(b) IF ALTERNATE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
(c) PARAMETERS OTHER THAN THOSE REQUIRED BY THE PERMIT ARE ANALYZED. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A	
(d) SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
(e) QUALITY CONTROL PROCEDURES USED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
(f) DUPLICATE SAMPLES ARE ANALYZED. _____ % OF TIME. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
(g) SPIKED SAMPLES ARE USED. _____ % OF TIME. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
(h) COMMERCIAL LABORATORY USED. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(i) COMMERCIAL LABORATORY STATE CERTIFIED. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
LAB NAME <u>Accredited Laboratories, Inc. (908) 541-2025</u>	
LAB ADDRESS <u>Foot of Pershing Avenue, P.O. Box 369, Carteret, NJ 07008-0369</u> <u>(Greg Seibold)</u>	







OPTIONAL FORM 60 (7-90)		# of pages <b>10</b>
<b>FAX TRANSMITTAL</b>		
To: <b>Al Gonzalez</b>	From: <b>Larisa Williams</b>	
Dist./Agency: <b>NJDEPE - Metro Reg. EPA</b>	Phone: <b>212-264-0382</b>	
Fax: <b>201-669-3907</b>	Fax: <b>212-264-9577</b>	
NSN 7540-01-317-7388	5084-101	GENERAL SERVICES ADMINISTRATION

JAN - 5 1994

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

Mr. John A. Mulligan  
President  
Kleer Kast/Division of PMC, Inc.  
450 Schuyler Avenue  
Kearny, New Jersey 07032

Re: **Compliance Evaluation Inspection**  
**Kleer Kast - NJPDES No. NJ0031313**

Dear Mr. Mulligan:

This letter is in reference to the Compliance Evaluation Inspection (CEI) conducted at Kleer Kast on November 15, 1993 by Ms. Larisa Williams and Mr. Philip Greco of the United States Environmental Protection Agency's (EPA) Region II Office. Mr. Jeffrey Gerber, Environmental Safety Manager, was Kleer Kast's representative.

The CEI evaluated compliance with the New Jersey Pollutant Discharge Elimination System (NJPDES) Permit No. NJ0031313 issued to the facility by the State of New Jersey Department of Environmental Protection and Energy (NJDEPE).

Kleer Kast (SIC Code 3081) casts acetate sheets of varying thicknesses by gravity feed, after which acetone recovery and regeneration takes place through carbon adsorption and steam distillation. The facility obtains metered water from two wells (one of which was not being used) as well as potable water from the City of Kearny. Water usage within the facility includes sanitary water, non-contact cooling water for casting, and process water used in the steam distillation column. Sanitary and process (contact) wastewaters are discharged via sewer line, while non-contact cooling waters and storm waters combine at the sampling point ("the pit") and are discharged directly, without treatment, to the wetland behind the facility. Due to the high water level of the area, standing water is said to almost always be found in the wastewater system and drainage pits as well.

Enclosed please find a copy of the completed inspection report which describes the results of the CEI. Within thirty (30) days of receipt of this letter, please respond to EPA Region II (copying NJDEPE) with the actions Kleer Kast has taken or will take to address each deficiency, violation and/or concern identified below. Please be aware that a follow-up inspection of the facility will be performed to confirm remedial measures.

The following deficiencies and/or violations, requiring immediate attention, were found during the CEI:

**I. Monitoring and Reporting**

The permit specifies an average and maximum concentration discharge limitation for Total Suspended Solids (TSS) as "report" and "20 mg/l", respectively. In completing monthly self-monitoring reports, the permittee had been entering the average TSS value as a minimum concentration, thus effecting a non-compliant reporting status whereby the average value, requiring reporting, is never reported.

Please correct this reporting error in future self-monitoring report submittals.

**II. Housekeeping**

The inspection findings indicate that Kleer Kast is deficient concerning housekeeping procedures as listed below.

A. At the sampling location, small plastic pellets such as those used in the plastic manufacturing process, were observed floating in "the pit" (additional heavier pellets may possibly be found deeper in the discharging conduit).

Please investigate and report on the varieties, presence and distribution of all solid floatable materials throughout the wastewater system, and the actions taken to eliminate all future discharges of all such contaminants.

B. Alexandria, Kleer Kast's tenant, molds plastic by injection in the immediately adjacent buildings.

i. The outdoor drainage pit at the base of Alexandria's loading dock was uncovered, providing the wastewater system no protection against entering contaminants. Additionally, Mr. Maged Badawy, the company's President, mentioned that unpermitted changing of car oil has occurred in the area occasionally by persons unknown.

ii. The indoor drainage pit located directly inside Alexandria's loading ramp area had its rectangular steel metal cover askew, allowing the surrounding plastic pellets and debris direct access into the wastewater system.

Please investigate and report on the types of contaminants entering the wastewater system from these sources, and the methods and procedures by which all future contaminants will be restricted from entering the wastewater system from these two sources.

C. The southeast side of the casting building (#16), containing the acetone mixing and holding tanks, has many unlabeled metal (55 gallon drum) and other (smaller) containers scattered about the floor. Mr. Mulligan, when asked as to the contents of the drums, was unsure, but stated that they may be being used by the mechanics who are installing a new pump-fed casting process.

Please investigate and report on the contents of all containers observed in the mixing area, listing each container and the steps taken to correctly store it, by either properly disposing of it or else properly labeling it.

D. The southeast side (back) of the property, directly adjacent to the wetland, is the waste storage area for the facility. This area is scattered with refuse, consisting of, among other things, drums, wood, waste acetate product, and used filters, located in or around carting bins. One such bin was oozing "dope" (filter cake waste) out of a rusted hole, onto the ground.

Please investigate and report the status of all the refuse littered about the area, list the various categories of wastes put there, the carting companies, the wastes hauled by each and the frequency of pick-up, disposal methods of the remaining refuse. Please provide a plan for segregating wastes in the refuse area to avoid such oozing "dope" instances, and to keep waste from migrating into the immediately adjacent wetland.

E. The storm water catchment basins surrounding the buildings are covered by bar screens. Between buildings number 16 and 7, a white powdery substance was observed on the ground, in close proximity to storm drain C7.

Please explain how Kleer Kast's housekeeping practices ensure that all contaminants, including such powders, do not enter the storm/wastewater system discharging at outfall #001.

If you have any questions, please contact Ms. Larisa Williams of my staff at (212) 264-0382.

Thank you for the cooperation afforded the inspectors.

Sincerely,

John S. Kushwara, Chief  
Compliance Section

Enclosure

cc: James Hamilton, Ass't. Dir. for Enforcement, NJDEPE



RECEIVED  
DIVISION OF FACILITY  
WIDE ENFORCEMENT

FEB 10 12 20 PM '94

WATER & HAZARDOUS WASTE  
ENFORCEMENT  
BUREAU



# KleerKast

"A Division of PMC Inc."

450 Schuyler Avenue  
Kearny, New Jersey, 07032

February 4, 1994

RECEIVED  
Dept. of Environmental Protection & Energy

FEB 08 1994

Div. of Facility Wide Enforcement  
Water & Hazardous Waste Enforcement Element

John S. Kushwara, Chief  
Compliance Section  
U. S. Environmental Protection Agency  
Region II  
Jacob K. Javits Federal Building  
New York, New York 10278-0012

Re: Compliance Evaluation Inspection  
Kleer Kast - NJPDES No. NJ0031313

Dear Mr. Kushwara:

This letter is a response to your Compliance Evaluation Inspection conducted at Kleer Kast on November 15, 1993 and your letter of January 4, 1994. This report outlines the actions in response to the concerns noted in that letter as follows.

## I. Monitoring and Reporting

We have collected the correct data as required by our permit that demonstrates compliance but as a result of a clerical error, we reported the data on the wrong line. Future self-monitoring reports will correctly report Total Suspended Solids as required on the DMR.

## II. Housekeeping

- A. An investigation to identify the source of the plastic pellets in the sampling pit was completed. Floating plastic pellets originated from poor housekeeping by Alexandria Plastics, a tenant on the property, and a failure of a screen on Alexandria's property to keep pellets out of the sewer.

Alexandria has been told to improve its pellet management by keeping spilled material swept up. The screen was repaired and replaced over the stormwater drain to prevent future problems. Other stormwater drains have screens to prevent plastic materials from entering the drain. Our investigation of the sewer did not detect heavier plastic pellets that had sunk to the bottom of the sewer.

The plastic pellets observed during the inspection were removed. We will monitor this area weekly to assure the problem is resolved and we will check to be sure all screens are in place to prevent infiltration.

- B. i. As mentioned in A, the drainage pit at the base of Alexandria's dock was recovered to provide protection to the wastewater system.

This area will also be protected by a dike to collect any oil that may result from leaking trucks. Private cars will no longer be permitted in this area. Any suspicious activities will immediately be reported to management and investigated.

- ii. The steel cover on the drainage pit in Alexandria's loading ramp has been replaced. The area will be checked frequently to assure material cannot enter the wastewater system. Floating plastic pellets were removed from this drainage pit prior to replacement of the steel cover.

- C. The contents of the drums on the southeast side of Bldg. 16 were identified and labeled. The steel drums contained acetone and the fiber drums contained cellulose acetate. These materials are raw materials and are used to produce finished product.

- D. The categories and status of refuse on the southeast side of the property was completed as follows:

Scrap wood is collected in green dumpsters and hauled by Dauman Industries once every two weeks. Kleer Kast estimates 90 cubic yards have been removed. All scrap wood is removed every two weeks.

Other garbage, including waste cardboard, cellulose acetate scrap, empty containers, is collected in a dumpster and disposed of weekly by Delbros. The filter cake waste (dope) was collected and removed from the area. In the future, filter cake waste will be carefully managed in our recovery area. Scrap metal is collected in a metal dumpster and removed by Delbros as needed (approximately three times a year). All waste materials outdoors will be stored on pavement and covered as necessary to prevent discharges from migrating to the adjacent wetland. New waste containers will be purchased and employees retrained to segregate and better manage the waste.



February 4, 1994

- E. Kleer Kast has a policy that spilled materials are to be collected immediately. Materials transferred between buildings are to be covered to minimize the potential for loss.

Kleer Kast employees will be reminded of the importance to recognize potential spills that could impact the wastewater discharges. Regular inspections of sewer collection areas will become part of our normal plant inspection routine.

We hope this letter has addressed your areas of concern. Please do not hesitate to call if you have any questions. None of the above statements or actions taken by Kleer Kast are an agreement or admission of any wrongdoing or violations by Kleer Kast.

Sincerely,



Jeffrey Gerber  
Regulatory Specialist

JG/blm

cc: James Hamilton, Ass't. Dir. for Enforcement, NJDEPE  
J. A. Mulligan  
J. K. Fulton





File  
09-07-96

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II

JACOB K. JAVITS FEDERAL BUILDING

NEW YORK, NEW YORK 10278-0012

MAR 21 1994

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. Jeff Gerber  
Environmental & Safety Manager  
Kleer Kast, Inc.  
450 Schuyler Avenue  
Kearny, New Jersey 07032

Re: Kleer Kast, Inc.  
NJD056708688

Dear Mr. Gerber:

The U.S. Environmental Protection Agency (EPA) is charged with the protection of human health and the environment under the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §§ 6901 et seq.

Pursuant to the provisions of Section 3007 of RCRA, 42 U.S.C. § 6927, EPA may require parties who handle or have handled hazardous waste to provide information relating to such wastes. Pursuant to the statutory provisions cited above, EPA hereby requires that you provide the information requested in Attachment I to this letter using the instructions and definitions included in Attachment II. This information request has been issued to obtain information related to the management and handling of hazardous waste at the Kleer Kast, Inc. facility in Kearny, New Jersey (NJD056708688). This information is necessary to determine the compliance status of Kleer Kast, Inc..

Please provide the information requested no later than ten (10) business days from receipt of this letter. Requests for additional time must be justified. Requests for additional time must be made within five (5) days of receipt of this letter. The response must be signed by a responsible official or agent of your company.

ATTACHMENT I

- 1) Please provide an inventory of the drums located in the warehouse at the 450 Schuyler Avenue facility. These drums were described to the EPA inspector as destined for reuse during the March 1, 1994, inspection of the facility. As an example please indicate the contents of the drums and their status as follows:

7 drums of dimethyl phthalate surpassed shelf life.

3 drums of acetone contaminated with solids.

Also indicate for how long each drum has been stored, the condition of each drum, the intended use for the contents of each drum and if the material would have to be processed, treated, reclaimed or changed in any way before being reintroduced into any of Kleer Kast's original processes.

- 2) Provide the length of time that it takes to reuse 100 percent of each of the material described in 1) above (i.e., all dimethyl phthalate is reused two months after generation).
- 3) Submit copies of all Material Safety Data Sheets which correspond to the materials currently awaiting reuse.
- 4) Is any of this material inappropriate for reuse? If so, would the material be considered a hazardous waste, as per N.J.A.C. 7:26-8.5? Please describe the basis for the hazardous or non-hazardous waste determination, and provide documentation supporting each determination.





**KleerKast**

"A Division of PMC Inc."  
450 Schuyler Avenue  
Kearny, New Jersey 07032

RECEIVED  
DIVISION OF FACILITY  
WASTE ENFORCEMENT

MAR 24 11 21 AM '94

WATER & HAZARDOUS  
WASTE ENFORCEMENT  
METRO BUREAU

March 21, 1994

Peter T. Lynch, Chief  
Metro Bureau of Water and  
Hazardous Waste Enforcement  
State of New Jersey  
Department of Environmental Protection  
and Energy  
Division of Enforcement Field Operations  
2 Babcock Place  
West Orange, NJ 07052

Dear Mr. Lynch:

Kleer Kast received the enclosed letter from the state last week. The generator referenced on this form, Tomkins Brothers, no longer is involved with the site. Kleer Kast, Div. of PMC, Inc. is the present owner. They bought the site from Tomkins Brothers in the early 1970's. Kleer Kast is an active generator of hazardous waste and it's USEPA ID number is NJD056708688.

If you have any questions, please call me at (201) 935-6905.

Sincerely,

Jeffrey Gerber  
Regulatory Specialist

cc:

J.A. Mulligan  
J. Fulton

Enclosure

CERTIFIED MAIL #Z 689 808 423  
RETURN RECEIPT REQUESTED

TEL: (201) 997-1880

FAX: (201) 997-8071

TWX: 5106001641

44  
PCF 000658





09-01-76  
**KleerKast**

"A Division of PMC Inc."  
450 Schuyler Avenue  
Kearny, New Jersey 07032

**RECEIVED**

**MAR 25 1993**

March 22, 1993

NJDEPE Metro Office  
2 Babcock Place  
West Orange, NJ 07052

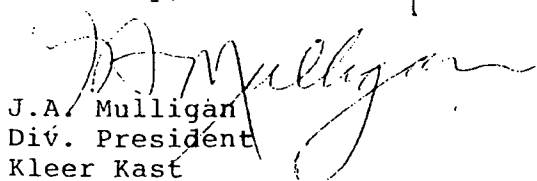
Dear Sirs:

This is a final report regarding a notification of a discharge of hazardous material on July 8, 1992 by Mr. Greg Joseph of Kleer Kast. The case was originally assigned the number 92-7-8-1301-29 by NJDEPE. The spill of Diethyl Phthalate (CAS # 84-66-2) was a surface spill and did not involve an underground storage tank, as noted in our response of October 14, 1992.

Approximately 25 gallons of material was spilled. The free liquid was collected in drums and soil in contact with the spill was placed in two Tri-Wall Hazardous Waste boxes. After the immediate clean-up, a sample of the surrounding soil was taken to assure proper remediation. We found a residual amount of DEP in that soil which required further removal. This additional work has been completed and the test results now show that the surrounding soil has no greater than 240 mg/kg Diethyl Phthalate, well below the state non-residential surface soil clean up standards of 10,000 mg/kg. All hazardous waste materials have been removed from the site in accordance with Federal and State regulations.

We hope this information is sufficient to close the referenced case. Please do not hesitate to call if you have any questions.

Sincerely,

  
J.A. Mulligan  
Div. President  
Kleer Kast

JAM:ceo

TEL: (201) 997-1880

FAX: (201) 997-8071

TWX: 5106001641

PCF 000659







## NPDES Compliance Inspection Report

United States Environmental Protection Agency  
Washington, D. C. 20460

Item D

Form Approved  
OMB No. 2040-0003  
Approval Expires 7-31-85

## Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1N 25	1N1010311311311	12/14/90	18C	18R	2d2
Remarks					
FIDILILLOW-UIPI INSIPIETIION					
Reserved	Facility Evaluation Rating	BI	QA	Reserved	
67	69 7d3	71N	72N	73 74 75	80

## Section B: Facility Data

Name and Location of Facility Inspected	Entry Time <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	Permit Effective Date
Kleer Kast / Division of PMC, Inc. 450 Schuyler Avenue Kearny, New Jersey 07032	10:00	3-1-87
Name(s) of On-Site Representative(s)	Exit Time/Date	Permit Expiration Date (see note for renewal)
Mr. Jeffrey Berber - PMC, Inc. Mr. Rafat Michael - Alexandria's Accountant	11:20 am / 3-31-94	2-28-92
Title(s)	Phone No(s)	
Env'tal Safety Manager	(201) 997-1880 x 3024	
Name, Address of Responsible Official	Title	
Mr. John A. Mulligan - Kleer Kast Mr. Maged Badawy - Alexandria	President	
	Phone No.	Connected <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	(201) 997-1880 x 3010	

## Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

N	Permit	N	Flow Measurement	N/A	Pretreatment	S/U	Operations & Maintenance
N	Records/Reports	N	Laboratory	N/A	Compliance Schedules	N/A	Sludge Disposal
S/U	Facility Site Review (see below)	S	Effluent/Receiving Waters	S	Self-Monitoring Program		Other:

## Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

- 1) TSS now properly reported on DHRs.
  - 2) Sampling "pit" is clean - no plastic pellets.
  - 3) Drums containers: begun labelling; propose extensive chemical surveying by MSDS & CAS #s, and labelling by computer.
  - 4) Waste storage - better segregation (wood/metal/"dope"); dumpsters labelled (some new); employee meetings teach practice.
  - 5) Spill clean-ups are immediate; sweeping occurs; daily inspection of facility site identifies any problems.
- However, Alexandria's housekeeping is unsatisfactory. (see Section N-p. 4/4).

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone	Date
Lariza Williams Lariza Williams	U.S. EPA - WPCB (212) 264-0382	4/6/94
Signature of Reviewer	Agency/Office	Date
John A. Kishner	EPA/WM-WPC	4/12/94
Regulatory Office Use Only		
Action Taken	Date	Compliance Status
		<input type="checkbox"/> Noncompliance <input type="checkbox"/> Compliance

Sections F thru L: Complete on all inspections, as appropriate. N/A = Not Applicable

PERMIT NO.  
NJ0031313

SECTION F - Facility and Permit Background

ADDRESS OF PERMITTEE IF DIFFERENT FROM FACILITY  
(Including City, County and ZIP code)

- SAME -

DATE OF LAST PREVIOUS INVESTIGATION BY EPA/STATE

Nov. 15, 1993 - CEI - EPA

FINDINGS

Unsatisfactory effluent/housekeeping.

SECTION G - Records and Reports - not evaluated

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT. ☒ YES ☐ NO ☐ N/A (Further explanation attached \_\_\_\_\_)

DETAILS:

(a) ADEQUATE RECORDS MAINTAINED OF:

(i) SAMPLING DATE, TIME, EXACT LOCATION	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(ii) ANALYSES DATES, TIMES	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(iii) INDIVIDUAL PERFORMING ANALYSIS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(iv) ANALYTICAL METHODS/TECHNIQUES USED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(v) ANALYTICAL RESULTS (e.g., consistent with self-monitoring report data)	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A

(b) MONITORING RECORDS (e.g., flow, pH, D.O., etc.) MAINTAINED FOR A MINIMUM OF THREE YEARS INCLUDING ALL ORIGINAL STRIP CHART RECORDINGS (e.g. continuous monitoring instrumentation, calibration and maintenance records).

☐ YES ☐ NO ☐ N/A

(c) LAB EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS KEPT.

☐ YES ☐ NO ☐ N/A

(d) FACILITY OPERATING RECORDS KEPT INCLUDING OPERATING LOGS FOR EACH TREATMENT UNIT.

☐ YES ☐ NO ☐ N/A

(e) QUALITY ASSURANCE RECORDS KEPT.

☐ YES ☐ NO ☐ N/A

(f) RECORDS MAINTAINED OF MAJOR CONTRIBUTING INDUSTRIES (and their compliance status) USING PUBLICLY OWNED TREATMENT WORKS.

☐ YES ☐ NO ☐ N/A

SECTION H - Permit Verification - not evaluated

INSPECTION OBSERVATIONS VERIFY THE PERMIT. ☒ YES ☐ NO ☐ N/A (Further explanation attached \_\_\_\_\_)

DETAILS:

(a) CORRECT NAME AND MAILING ADDRESS OF PERMITTEE.

☐ YES ☐ NO ☐ N/A

(b) FACILITY IS AS DESCRIBED IN PERMIT.

☐ YES ☐ NO ☐ N/A

(c) PRINCIPAL PRODUCT(S) AND PRODUCTION RATES CONFORM WITH THOSE SET FORTH IN PERMIT APPLICATION.

☐ YES ☐ NO ☐ N/A

(d) TREATMENT PROCESSES ARE AS DESCRIBED IN PERMIT APPLICATION.

☐ YES ☐ NO ☐ N/A

(e) NOTIFICATION GIVEN TO EPA/STATE OF NEW, DIFFERENT OR INCREASED DISCHARGES.

☐ YES ☐ NO ☐ N/A

(f) ACCURATE RECORDS OF RAW WATER VOLUME MAINTAINED.

☐ YES ☐ NO ☐ N/A

(g) NUMBER AND LOCATION OF DISCHARGE POINTS ARE AS DESCRIBED IN PERMIT.

☐ YES ☐ NO ☐ N/A

(h) CORRECT NAME AND LOCATION OF RECEIVING WATERS.

☐ YES ☐ NO ☐ N/A

(i) ALL DISCHARGES ARE PERMITTED.

☐ YES ☐ NO ☐ N/A

SECTION I - Operation and Maintenance

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED. ☐ YES ☐ NO ☒ N/A (Further explanation attached \_\_\_\_\_)

DETAILS:

(a) STANDBY POWER OR OTHER EQUIVALENT PROVISIONS PROVIDED.

☐ YES ☐ NO ☐ N/A

(b) ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE.

☐ YES ☐ NO ☐ N/A

(c) REPORTS ON ALTERNATE SOURCE OF POWER SENT TO EPA/STATE AS REQUIRED BY PERMIT.

☐ YES ☐ NO ☐ N/A

(d) SLUDGES AND SOLIDS ADEQUATELY DISPOSED.

☐ YES ☐ NO ☐ N/A

(e) ALL TREATMENT UNITS IN SERVICE.

☐ YES ☐ NO ☐ N/A

(f) CONSULTING ENGINEER RETAINED OR AVAILABLE FOR CONSULTATION ON OPERATION AND MAINTENANCE PROBLEMS.

☐ YES ☐ NO ☐ N/A

(g) QUALIFIED OPERATING STAFF PROVIDED.

☐ YES ☐ NO ☐ N/A

(h) ESTABLISHED PROCEDURES AVAILABLE FOR TRAINING NEW OPERATORS.

☐ YES ☐ NO ☐ N/A

(i) FILES MAINTAINED ON SPARE PARTS INVENTORY, MAJOR EQUIPMENT SPECIFICATIONS, AND PARTS AND EQUIPMENT SUPPLIERS.

☐ YES ☐ NO ☐ N/A

(j) INSTRUCTIONS FILES KEPT FOR OPERATION AND MAINTENANCE OF EACH ITEM OF MAJOR EQUIPMENT.

☐ YES ☐ NO ☐ N/A

(k) OPERATION AND MAINTENANCE MANUAL MAINTAINED.

☐ YES ☐ NO ☐ N/A

(l) SPCC PLAN AVAILABLE.

☐ YES ☐ NO ☐ N/A

(m) REGULATORY AGENCY NOTIFIED OF BY PASSING. (Dates \_\_\_\_\_)

☐ YES ☐ NO ☐ N/A

(n) ANY BY-PASSING SINCE LAST INSPECTION.

☐ YES ☐ NO ☐ N/A

(o) ANY HYDRAULIC AND/OR ORGANIC OVERLOADS EXPERIENCED.

☐ YES ☐ NO ☐ N/A

	PERMIT NO.
<b>SECTION J - Compliance Schedules</b>	
PERMITTEE IS MEETING COMPLIANCE SCHEDULE. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A (Further explanation attached _____)	
CHECK APPROPRIATE PHASE(S):	
<input type="checkbox"/> (a) THE PERMITTEE HAS OBTAINED THE NECESSARY APPROVALS FROM THE APPROPRIATE AUTHORITIES TO BEGIN CONSTRUCTION.	
<input type="checkbox"/> (b) PROPER ARRANGEMENT HAS BEEN MADE FOR FINANCING (mortgage commitments, grants, etc.).	
<input type="checkbox"/> (c) CONTRACTS FOR ENGINEERING SERVICES HAVE BEEN EXECUTED.	
<input type="checkbox"/> (d) DESIGN PLANS AND SPECIFICATIONS HAVE BEEN COMPLETED.	
<input type="checkbox"/> (e) CONSTRUCTION HAS COMMENCED.	
<input type="checkbox"/> (f) CONSTRUCTION AND/OR EQUIPMENT ACQUISITION IS ON SCHEDULE.	
<input type="checkbox"/> (g) CONSTRUCTION HAS BEEN COMPLETED.	
<input type="checkbox"/> (h) START-UP HAS COMMENCED.	
<input type="checkbox"/> (i) THE PERMITTEE HAS REQUESTED AN EXTENSION OF TIME.	
<b>SECTION K - Self-Monitoring Program</b>	
Part 1 - Flow measurement (Further explanation attached _____)	
PERMITTEE FLOW MEASUREMENT MEETS THE REQUIREMENTS AND INTENT OF THE PERMIT. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
DETAILS:	
(a) PRIMARY MEASURING DEVICE PROPERLY INSTALLED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
TYPE OF DEVICE: <input type="checkbox"/> WEIR <input type="checkbox"/> PARSHALL FLUME <input type="checkbox"/> MAGMETER <input type="checkbox"/> VENTURI METER <input type="checkbox"/> OTHER (Specify _____)	
(b) CALIBRATION FREQUENCY ADEQUATE. (Date of last calibration _____) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(c) PRIMARY FLOW MEASURING DEVICE PROPERLY OPERATED AND MAINTAINED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(d) SECONDARY INSTRUMENTS (totalizers, recorders, etc.) PROPERLY OPERATED AND MAINTAINED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(e) FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGES OF FLOW RATES. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
Part 2 - Sampling (Further explanation attached _____)	
PERMITTEE SAMPLING MEETS THE REQUIREMENTS AND INTENT OF THE PERMIT. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
DETAILS:	
(a) LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(b) PARAMETERS AND SAMPLING FREQUENCY AGREE WITH PERMIT. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(c) PERMITTEE IS USING METHOD OF SAMPLE COLLECTION REQUIRED BY PERMIT. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
IF NO <input type="checkbox"/> GRAB <input type="checkbox"/> MANUAL COMPOSITE <input type="checkbox"/> AUTOMATIC COMPOSITE FREQUENCY _____	
(d) SAMPLE COLLECTION PROCEDURES ARE ADEQUATE. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(i) SAMPLES REFRIGERATED DURING COMPOSITING <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(ii) PROPER PRESERVATION TECHNIQUES USED <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(iii) FLOW PROPORTIONED SAMPLES OBTAINED WHERE REQUIRED BY PERMIT <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(iv) SAMPLE HOLDING TIMES PRIOR TO ANALYSES IN CONFORMANCE WITH 40 CFR 136.3 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(e) MONITORING AND ANALYSES BEING PERFORMED MORE FREQUENTLY THAN REQUIRED BY PERMIT. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(f) IF (e) IS YES, RESULTS ARE REPORTED IN PERMITTEE'S SELF-MONITORING REPORT. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
Part 3 - Laboratory (Further explanation attached _____) - not evaluated	
PERMITTEE LABORATORY PROCEDURES MEET THE REQUIREMENTS AND INTENT OF THE PERMIT. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
DETAILS:	
(a) EPA APPROVED ANALYTICAL TESTING PROCEDURES USED. (40 CFR 136.3) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(b) IF ALTERNATE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(c) PARAMETERS OTHER THAN THOSE REQUIRED BY THE PERMIT ARE ANALYZED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(d) SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(e) QUALITY CONTROL PROCEDURES USED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(f) DUPLICATE SAMPLES ARE ANALYZED. _____ % OF TIME. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(g) SPIKED SAMPLES ARE USED. _____ % OF TIME. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(h) COMMERCIAL LABORATORY USED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
(i) COMMERCIAL LABORATORY STATE CERTIFIED. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
LAB NAME (same as previously)	
LAB ADDRESS	

PERMIT NO.							
SECTION L - Effluent/Receiving Water Observations (Further explanation attached _____)							
OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOL	COLOR	OTHER
Sample Point "pit"	No	No	No	No	No	No	
Effluent (Underwater)	No	No	No	No	No	No	
Alexandria's outdoor drainage pit (catchment)	Yes	Yes	Yes	Yes	Yes	(turbid brown) Yes	
(Sections M and N: Complete as appropriate for sampling inspections)							
SECTION M - Sampling Inspection Procedures and Observations (Further explanation attached _____) N/A							
<input type="checkbox"/> GRAB SAMPLES OBTAINED							
<input type="checkbox"/> COMPOSITE OBTAINED							
<input type="checkbox"/> FLOW PROPORTIONED SAMPLE							
<input type="checkbox"/> AUTOMATIC SAMPLER USED							
<input type="checkbox"/> SAMPLE SPLIT WITH PERMITTEE							
<input type="checkbox"/> CHAIN OF CUSTODY EMPLOYED							
<input type="checkbox"/> SAMPLE OBTAINED FROM FACILITY SAMPLING DEVICE							
COMPOSITING FREQUENCY _____				PRESERVATION _____			
SAMPLE REFRIGERATED DURING COMPOSITING: <input type="checkbox"/> YES <input type="checkbox"/> NO							
SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE _____							
SECTION N - Analytical Results (Attach report if necessary) N/A							
Alexandria's deficiencies: <ul style="list-style-type: none"><li>- indoor pit still has plastic pellets around it;</li><li>- outdoor pit has standing water over it: brown, oily, turbid, foamy water with litter floating on it and settled in it;</li><li>- outdoor pit has unmaintained fine-mesh screen under larger-opening grated screen;</li><li>- outdoor pit is low point - collects all runoff from surrounding areas; "containment" wall is inadequate in keeping contaminated runoff out of pit.</li></ul>							



**REMEDIAL INVESTIGATION ADDENDUM REPORT**

**FOR**

**KLEER KAST  
450 SCHUYLER AVENUE  
KEARNY, NEW JERSEY**

**PREPARED BY:**

**DIRECT ENVIRONMENTAL, INC.  
290 SANFORD STREET  
EAST ORANGE, NEW JERSEY**

**MARCH, 1994**



**PCF 000664**

*REMEDIAL INVESTIGATION ADDENDUM REPORT*

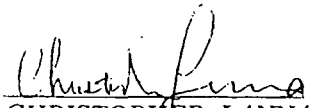
*FOR*

*KLEER KAST  
450 SCHUYLER AVENUE  
KEARNY, NEW JERSEY*

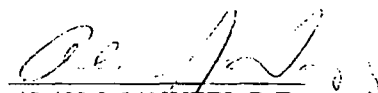
*PREPARED BY:*

*DIRECT ENVIRONMENTAL, INC.  
290 SANFORD STREET  
EAST ORANGE, NEW JERSEY*

*AUTHORED BY:*

  
*CHRISTOPHER LANNA  
TECHNICAL SUPERVISOR  
NJDEPE CERTIFICATION G0000310*

*REVIEWED BY:*

  
*ALAN J. IANUZZI, P.E.  
MANAGER, TECHNICAL SERVICE*



PCF 000665



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## INTRODUCTION

In compliance with the New Jersey Department of Environmental Protection and Energy (NJDEPE), Bureau of Underground Storage Tanks (BUST), Direct Environmental, Inc. (Direct) has been retained by Kleer Kast, A Division of PMC, Inc. (Kleer Kast) to aid in the closure of one 3,000 gallon, one 5,000 gallon, one 10,000 gallon, and one 15,000 gallon #6 fuel oil Underground Storage Tanks (USTs). The tanks are owned by Kleer Kast and were located at 450 Schuyler Avenue, Kearny, New Jersey. Refer to **Figure 1** for a Site Location Map.

The facility's tank registration number is #0243218. The Underground Storage Tank Closure Approval numbers are C93-0834 and C93-0835. The 3,000 gallon and 5,000 gallon USTs were removed on April 8, 1993. The 10,000 gallon UST was removed on April 15, 1993. The 15,000 gallon UST was removed on April 26, 1993. A Site Assessment Summary Report was submitted to the NJDEPE in July, 1993.

## SITE ACTIVITIES

On September 30, 1993 the NJDEPE issued a Deficiencies Letter. Soil Sample KKT4#1 contained TPHC levels in excess of 10,000 ppm. Also within the same excavation two samples (KKT4#1 and KKT3#7) exceeded the NJDEPE Residential Direct Contact Cleanup Criteria of 0.66 ppm for several PAH compounds. The NJDEPE directed Kleer Kast to determine the horizontal and vertical extent of the contamination and remediate to acceptable levels.

The NJDEPE further directed Kleer Kast to install one monitoring well in each of the two excavations. The groundwater shall be analyzed for Volatile Organics (VO+10) and Base Neutrals (BN+15).

## FIELD ACTIVITIES

On December 28, 1993, Direct mobilized to the site. A 9' x 24' x 44" deep excavation was advanced adjacent to excavation #2. The excavation was adjacent to sample locations KKT4#1 and KKT3#7, the two samples that exceeded NJDEPE Cleanup Criteria. After contaminated soil had been removed, down to groundwater level, post excavation samples were obtained from six inches above groundwater level, which was observed at 44 inches.

The excavations were filled with certified clean fill and brought up to grade. Please refer to **Appendix 1** for clean fill receipts. Excavated contaminated soils were transported to Mt. Hope Recycling, 625 Mt. Hope Road, Wharton, New Jersey on March 1, 1994, for disposal. Please refer to **Appendix 2** for soil manifests.

On December 29, 1993, Direct's Master Well Driller installed a monitoring well in each of the two excavations. Please refer to **Appendix 3** for the Well Permit and Well Record. The two wells were developed. Two weeks after well development the wells were sampled.

## SAMPLE COLLECTION AND ANALYTICAL RESULTS

Three soil samples were obtained from the excavation. Groundwater was encountered at 44 inches. All three samples were obtained from the sidewalls. The base sample was not obtained due to the presence of the groundwater. The sidewall samples were obtained from 6 inches above the groundwater level, 38". The samples were taken to a NJDEPE Certified Laboratory. The samples were analyzed for Total Petroleum Hydrocarbons (TPHC). If any of the results exceeded 100 ppm TPHC, twenty five percent of those samples would be further analyzed for Polynuclear Aromatic Hydrocarbons (PAH). Full analytical results can be found in **Appendix 4**. The following is a summary of the TPHC results:

SAMPLE ID	RESULTS PPM
KKD#1	170
KKD#2	220
KKD#3	19

Two samples KKD#1 and KKD#2 exceeded the 100 ppm limit. KKD#2, being the higher of the two, was further analyzed for PAH. The following is a summary of that result:

COMPOUND	RESULTS PPM
NAPHTHALENE	U
ACENAPHTHYLENE	U
ACENAPHTHENE	U
FLUORENE	U
PHENANTHRENE	0.650
ANTHRACENE	0.130 J
FLUORANTHENE	1.100
PYRENE	1.200
CHRYSENE	0.880
BENZO(a)ANTHRACENE	0.660 J
BENZO(b)FLUORANTHENE	0.570
BENZO(k)FLUORANTHENE	0.480 J
BENZO(a)PYRENE	0.560
BENZO(g,h,i)PERYLENE	0.350 J
DIBENZ(a,h)ANTHRACENE	0.140 J
INDENO(1,2,3-cd)PYRENE	0.330 J

J-Estimated Value

U-Not Detected

All results are below current NJDEPE Residential Cleanup Criteria.

The following is a soil log for this excavation:

0.0 - 0.75' Asphalt  
 0.75 - 7.0 5 YR 4/4 Sandy Loam with mix fill  
 7.0 - 8.0 Fractured Shale  
 8.0 - Rock Refusal (Shale)

On January 12, 1994 the two monitoring wells were purged of three volumes of water. Groundwater samples were obtained using a cleaned teflon bailer. Samples were sent to a NJDEPE certified laboratory. Samples were analyzed for Base Neutrals with a forward library search (BN+15) and Volatile Organics with a forward library search (VO+10). Full analytical results are located in **Appendix 5**. The following is a summary of those results:

### Volatile Organics

COMPOUND	MW#1	MW#2
CHLOROMETHANE	U	U
BROMOMETHANE	U	U
VINYL CHLORIDE	U	U
CHLOROETHANE	U	U
METHYLENE CHLORIDE	U	U
ACETONE	U	U
CARBON DISULFIDE	U	U
1,1-DICHLOROETHENE	U	U
1,1-DICHLOROETHANE	U	7.0 J
1,2-DICHLOROETHENE	U	U
CHLOROFORM	U	U
1,2-DICHLOROETHANE	U	U
2-BUTANONE	U	U
1,1,1-TRICHLOROETHANE	U	15.0
CARBON TETRACHLORIDE	U	U
BROMODICHLOROMETHANE	U	U
1,2-DICHLOROPROPANE	U	U
CIS-1,3-DICHLOROPROPANE	U	U
TRICHLOROETHENE	U	U
DIBROMOCHLOROMETHANE	U	U
1,1,2-TRICHLOROETHANE	U	U
BENZENE	U	U
TRANS-1,3-DICHLOROPROPENE	U	U
BROMOFORM	U	U
4-METHYL-2-PENTANONE	U	U
2-HEXANONE	U	U
TETRACHLOROETHENE	U	U
1,1,2,2-TETRACHLOROETHANE	U	U
TOLUENE	U	U
CHLOROBENZENE	U	U
ETHYLBENZENE	U	U
STYRENE	U	U
XYLENES	U	U

TOTAL TARGETED VO	U	22.0
TICs		
TOTAL TIC	U	U
TOTAL VO	0.00	22.0

All results in ppb.

U-Not Detected

J-Estimated Value

#### Base Neutrals

COMPOUND	MW#1	MW#2
BIS(2-CHLOROETHYL)ETHER	U	U
1,3-DICHLOROBENZENE	U	U
1,4-DICHLOROBENZENE	U	U
1,2-DICHLOROBENZENE	U	U
2,2-OXBIS(1-CHLOROPROPANE)	U	U
N-NITROSO-DI-N-PROPYLAMINE	U	U
HEXACHLOROETHANE	U	U
NITROBENZENE	U	U
ISOPHORONE	U	U
BIS(2-CHLOROETHOXY)METHANE	U	U
1,2,4-TRICHLOROBENZENE	U	U
NAPHTHALENE	U	U
4-CHLOROANILINE	U	U
HEXACHLOROBUTADIENE	U	U
2-METHYLNAPHTHALENE	U	2.0 J
HEXACHLOROCYCLOPENTADIENE	U	U
2-CHLOROPHTHALENE	U	U
2-NITROANILINE	U	U
DIMETHYL PHTHALATE	U	U
ACENAPHTHYLENE	U	U
2,6-DINITROTOLUENE	U	U
ACENAPHTHENE	U	U
DIBENZOFURAN	U	U
2,4-DINITROTOLUENE	U	U
DIETHYLPHTHALATE	4.0 J	2.0 J
4-CHLOROPHENYL-PHENYL ETHER	U	U
FLUORENE	1.0 J	U
4-NITROANILINE	U	U
N-NITROSODIPHENYLAMINE(1)	U	2.0 J
4-BROMOPHENYL-PHENYLETHER	U	U
HEXACHLOROBENZENE	U	U
PHENANTHRENE	1.0 J	U
ANTHRACENE	U	U
CARBAZOLE	U	U
DI-N-BUTYLPHTHALATE	U	U
FLUORANTHENE	2.0 J	U

PYRENE	5.0 J	U
BUTYLBENZYLPHTHALATE	U	U
3,3-DICHLOROBENZIDINE	U	U
BENZO(a)ANTHRACENE	U	U
CHRYSENE	3.0 J	U
BIS(2-ETHYLHEXYL)PHTHALATE	1.0 JB	U
DI-N-OCTYLPHTHALATE	U	U
BENZO(b)FLUORANTHENE	1.0 J	U
BENZO(k)FLUORANTHENE	U	U
BENZO(a)PYRENE	U	U
INDENO(1,2,3-cd)PYRENE	U	U
DIBENZ(a,h)ANTHRACENE	U	U
BENZO(g,h,i)PERYLENE	U	U
TICs		
UNKNOWN	4	-
UNKNOWN	4	-
UNKNOWN	-	7.0
TOTAL TIC	8	7.0
TOTAL BN	26.0	13.0

All results are in ppb.

J-Estimated Value

B-Found in Blank

U-Not Detected

All results are below current NJDEPE Groundwater Cleanup Standards.

### CONCLUSION

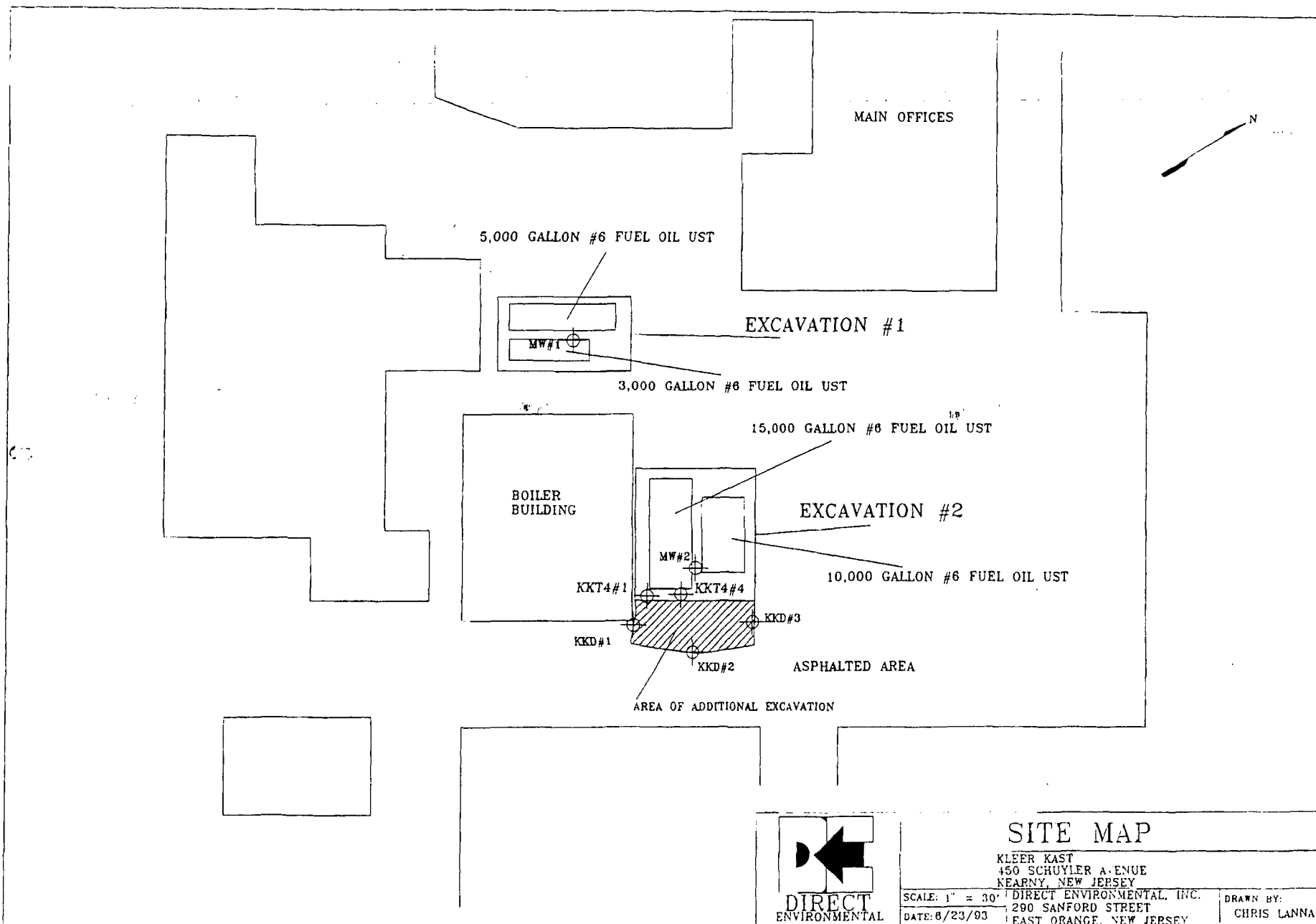
Additional contaminated soil has been removed from the site. Post excavation soil samples are below current NJDEPE Residential Cleanup Criteria. Analytical results from groundwater sampling indicates that all results are current NJDEPE Groundwater Cleanup Standards.

Direct Environmental, Inc. recommends that the two monitoring wells be abandoned by a licensed well driller and this UST Case be closed out.

**FIGURE 1**









Kleer East  
450 Schuyler Ave  
Kearny Town, Hed. Co.

93-04-01-1515-39  
C93-0834, 0835  
Ust # 0243218

C93-0835 - Remove 2x4K heavy oil usts

C93-0836 - Remove 1x15K + 1x4K heavy oil ust

93-04-01-1515 - 3 usts to be removed

July 93 Direct Env. Report

Exc. 1 3K + 5K #6ho usts removed 4-8-93

Exc. 2 10K + 15K #6ho usts removed 4-15 → 4-26-93

Exc. 1

1300 gal oil + water vacced from usts

Contam'd soil noted.

GW vacced from Exc.

Both tanks had holes in them

Total liquids - 4300 gallons

Exc. 2

6000 gal product removed from 10K ust

Contam'd soil surrounding 15K ust.

Product floating on GW of 15K ust.  
10K ust had holes in it.

Total: 18,400 gallons liquid removed from site.

Total: 11 x 55 gallon drums of wash water created

GW ~ 7' bg

All ss taken ~ 6" above WT

Base of excavation is rock

# March 94 Direct Env. Report

EW ~ 44" bg.

Add'l Soil Removed - 28.49 tons taken for recycling to: Mt. Hope Rock Products Corp  
Wharton, NJ

3 Post exc. SS's taken.

2 MW's installed Permit # 26-35309, 26-35308

Soil 0-12' bg Clay  
> 12' bg Shale

12-28-93

SS#

KKD1

KKD2

KKD3

TPN (ppm)

170 3

220

19

NA

Phenanthrene (ppb) 650

NA

Anthracene 130 <sup>10000/100</sup>

Fluoranthene 1100 <sup>2300/100</sup>

Pyrene <sup>1700/100</sup> 1200

Chrysene <sup>9/500</sup> 880

Benz(A)Anthracene <sup>9/500</sup> 660

Benz(B)Fluoranthene <sup>7/50</sup> 570

Benz(K)Fluoranthene <sup>9/500</sup> 480

BAP <sup>66/100</sup> 560

Benz(ghi)Perylene 350

Dbenz(Kh)Anthracene <sup>6/100</sup> 140

INDENO(123-cd)Pyrene <sup>9/500</sup> 330

Problems

- ① Exc 2 #4-1 exceed 10,000ppm TPHC - id + remediate
- ② Exc 2 #4-1, #4-4 - Too Many Samples exceed Standard
- ③ All SS - no library Search ~~← check on this requirement~~
- ④ SS 3-1 thru 7 exceeded holding time before extraction (held 11 days) for BN
- ⑤ Sample held for 3 days before submission to lab. Letter from Lab  
Good Conclusion
- ⑥ SS 4-1 → 4-4 exceeded holding time before extraction (held 9 days) for BN  
BN TPN - 7 days 14 days BN
- ⑦ Product on GW - install wells.

9-30-93 Def Letter

- ① Explain why samples were held > 2 days
- ② Remediate <sup>SS#</sup> KKT4-1 for TPN > 10000ppm
- ③ Remediate in exc #2
- ④ Submit library searches for 25 BN samples
- ⑤ MW's in exc 2 + 1

10-28-93 Direct Env Response

- ① SS's taken <sup>day before</sup> ~~on~~ Good Friday - Kept over ~~week~~ weekend in a refrigerator

March 94 Direct Env. Report

GW ~ 44" bg.

Add'l Soil Removed - 28.49 tons taken for recycling to: Mt. Hope Rock Products Corp  
Wharton, NJ

3 Post exc. SS's taken -

2 MW's installed Permit # 26-35309, 26-35308

Soil 0-12' bg Clay  
> 12' bg Shale

12-18-93

SS#	KKD1	KKD2	KKD3
TPH (ppm)	170	220	19
NA	Phenanthrene (pph) 650	NA	
	Anthracene 130 <sup>10000/100</sup>		
	Fluoranthene 1100 <sup>2300/100</sup>		
	Pyrene 1200 <sup>1700/100</sup>		
	Chrysene 880 <sup>9/500</sup>		
	Benz(A)Anthracene 660 <sup>9/500</sup>		
	Benz(B)Fluoranthene 570 <sup>9/500</sup>		
	Benz(K)Fluoranthene 480 <sup>9/500</sup>		
	BAP 560 <sup>66/100</sup>		
	Benz(ghi)Perylene 350 <sup>6/100</sup>		
	Dibenz(Ah)Anthracene 140 <sup>9/500</sup>		
	INDENO(123-cd)Pyrene 330		

1/12/93

11/12/93

100 TIC

100

1,1-dichloroethane

7

1,1,1-Trichloroethane

15

Semi Vol TIC

7

Diethylphthalate

2

Fluorene

1

Phenanthrene

1

Fluoranthene

2

Pyrene

5

Chrysene

3

Bis 2 EH Phthalate

1

Bay (B) fluoranthene

1

2 Methyl naphthalene

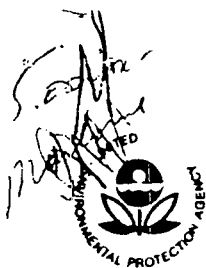
2

N-Nitrosodiphenylamine

2







UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II

JACOB K. JAVITS FEDERAL BUILDING

NEW YORK, NEW YORK 10278-0012

RECEIVED

Dept. of Environmental Protection & Energy

APR 12 1994

APR 15 1994

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

Div. of Facility Wide Enforcement  
Water & Hazardous Waste Enforcement Element

Mr. John A. Mulligan  
President  
Kleer Kast/Division of PMC, Inc.  
450 Schuyler Avenue  
Kearny, New Jersey 07032

Re: Follow-up Compliance Evaluation Inspection  
Kleer Kast - NJPDES No. NJ0031313

Dear Mr. Mulligan:

This letter is in reference to the follow-up Compliance Evaluation Inspection (CEI) conducted at the site of Kleer Kast/Alexandria on March 31, 1994 by Ms. Larisa Williams of the United States Environmental Protection Agency's (EPA) Region II Office. Mr. Jeffrey Gerber, Environmental Safety Manager of PMC, was Kleer Kast's representative, and Mr. Rafat Michael, accountant, was Alexandria's representative.

The CEI evaluated compliance with the New Jersey Pollutant Discharge Elimination System (NJPDES) Permit No. NJ0031313 issued to the facility by the State of New Jersey Department of Environmental Protection and Energy (NJDEPE) and currently undergoing renewal.

Enclosed please find a copy of the completed inspection report which describes the results of the follow-up (to the 11/15/93 inspection) CEI. Immediately upon receipt of this letter, Kleer Kast shall submit to EPA Region II a complete copy of the BMP required by the NJPDES permit to have been approved by NJDEPE and implemented by March 1, 1988. In addition, immediately upon receipt of this letter, Kleer Kast shall respond to EPA Region II (copying NJDEPE) with the actions to be taken to address the continued deficiencies/potential violations at Alexandria as identified below, and every three (3) months thereafter until the problem is remedied, shall submit a progress report. Please be aware that further enforcement action may ensue if amelioration of this concern is not achieved in a timely fashion.

The follow-up CEI evaluated the previously found deficiencies as identified in the 1/5/94 transmittal, and resulted in the findings below.

Gary Curley

# I. Monitoring and Reporting

Total Suspended Solids are now properly reported on the Discharge Monitoring Reports.

## II. Housekeeping

A. The (sampling) "pit" is now clean and free of plastic pellets.

B. There is no improvement in Alexandria's housekeeping.

■ indoor pit has plastic pellet litter around it (Mr. Michael expressed an interest in remediating this source of contaminants - perhaps by constructing a cement containing-wall around the rectangular steel metal cover and keeping the area clean);

■ low point is the outdoor (loading dock) drainage pit, which collects all runoff from the immediate driveway - oil from trucks, litter from the dumpsters, organics, etc. - carried over, around and through a low (few inch high), ineffective (non-containing) concrete "containment" wall, to the catchment pit, which connects to Kleer Kast's stormwater collection system. A fine-meshed screen (thickly covered with organic matter) lays horizontally under a grating, both of which are a few inches beneath the surface of the brown, foam-covered oily water, yet neither of which can be seen. The screens are an attempt to keep solid matter out of the storm water system, yet they are neither properly cleaned nor maintained.

Cardinal  
to build wall  
converted to  
outdoor pit.  
clean with  
everybody.

has often  
is the screen  
cleaned out?  
once a week

Ask Leona  
EPA

8E1KA C. Some of the drums and containers have already been properly labelled, the remainder are in the process of being so.

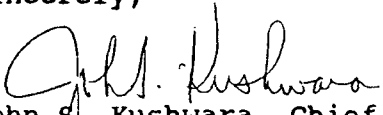
D. The waste storage area is now better segregated into labelled (and some new) dumpsters; sporadic employee safety meetings reinforce proper waste management.

E. Immediate clean-up of spills; sweeping, collection, and disposal of waste and litter; as well as daily inspections of all facility grounds are now among the regular housekeeping practices for Kleer Kast's area of the facility site.

If you have any questions, please contact Ms. Larisa Williams of my staff at (212) 264-0382.

Thank you for the cooperation afforded the inspector.

Sincerely,

  
John S. Kushwara, Chief  
Compliance Section

Enclosure

cc: Maged B. M. Badawy, President, Alexandria  
James Hamilton, Ass't. Dir. for Enforcement, NJDEPE



Metro



KleerKast

"A Division of PMC Inc."  
450 Schuyler Avenue  
Kearny, New Jersey 07032

April 25, 1994

RECEIVED  
Dept. of Environmental Protection & Energy

APR 28 1994

Div. of Facility Wide Enforcement  
Water & Hazardous Waste Enforcement Element

John S. Kushwara, Chief  
Compliance Section  
United States Environmental Protection Agency  
Region II  
Jacob K. Javits Federal Building  
New York, New York 10278-0012

Dear Mr. Kushwara:

This letter is in response to your follow-up compliance evaluation inspection conducted at the site of Kleer Kast/Alexandria on March 31, 1994. As requested, we are pleased to include with this letter a copy of our BMP approved by NJPDEPE as requested. Additionally, Kleer Kast has made written notice to Alexandria Plastics to take appropriate actions to address the deficiencies/potential violations as a result of their action. Kleer Kast has required Alexandria to make immediate improvements regarding the housekeeping, especially focused on the plastic litter around the indoor pit and the issues regarding plastic pellets and oil in the area of the outdoor pit. We will provide the agency with quarterly updates to assure that the problems identified are remediated.

Kleer Kast is pleased that the agency found areas of concern within our control adequately remediated. Kleer Kast will complete the project regarding the drum labeling. Kleer Kast holds monthly employee meetings that will include a reinforcement of proper housekeeping practices at our facility. We are committed to immediately clean up any spills of material and maintain our improved housekeeping facility-wide.

We hope that we can quickly resolve all areas of concern identified by the Agency. If you have any questions, please do not hesitate to contact me at (201) 997-1880.

Sincerely,

Jeffrey E. Gerber  
Regulatory Specialist

JEG/blm

Enclosure

cc: P. E. Kamins  
L. M. Johnson  
T. C. Cheong  
J. A. Mulligan

M. R. Miller  
~~James Hamilton, Asst. Dir. for Enforcement~~

TEL: (201) 997-1880

FAX: (201) 997-8071

TWX: 5106001641

PCF 000683





State of New Jersey  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF ENFORCEMENT FIELD OPERATIONS  
Metro Bureau of Water and Hazardous Waste Enforcement  
2 Babcock Place, West Orange, N.J. 07052  
(201) 669-3900

August 15, 1994

Mr. John A. Mulligan  
President  
Kleer Kast/Division of PMC, Inc.  
450 Schuyler Avenue  
Kearny, New Jersey 07032

Dear Mr. Mulligan:

On June 9, 1994, a representative of the Metro Bureau of Water and Hazardous Waste Enforcement (MBWHWE) conducted an inspection of Kleer Kast in Kearny in response to a complaint referral. During the inspection the following observations were made:

1. An oil like substance was leaking from the foundation of the loading dock area of Alexandria Plastics (Tenant of Kleer Kast) and being discharged to the waters of the State. An inspection of the area revealed no source point. This is an unpermitted discharge in violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.).

Kleer Kast is therefore directed to:

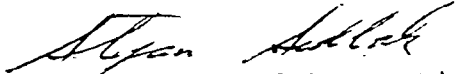
1. Determine the source of oil.
2. Immediately and permanently cease all unpermitted discharges.
3. Submit a written report to this office within thirty (30) days of receipt of this letter detailing the corrective action taken.

Failure to fully comply with the above will result in the initiation of further enforcement action by this Department. This shall in no way be construed, however, to indicate any exemption on your part from possible penalties for the violations indicated above.

-2-

If you have any questions regarding the above, please contact Helen Wright of this office at (201) 664-6900.

Very truly yours,



Stefan D. Sedlak, Section Chief  
Metro Bureau of Water and  
Hazardous Waste Enforcement

A34

c: Robert Vaughn, USEPA  
Edward Grosvenor, H.O.  
Hudson Regional Health Commission





RECEIVED  
DIVISION OF  
WATER



**KleerKast**

"A Division of PMC Inc."

450 Schuyler Avenue  
Kearny, New Jersey 07032

AUG 22 12 39 PM '94

August 18, 1994

State of New Jersey  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Division of Enforcement Field Operations  
Metro Bureau of Water and Hazardous Waste Enforcement  
2 Babcock Place  
West Orange, N.J. 07052

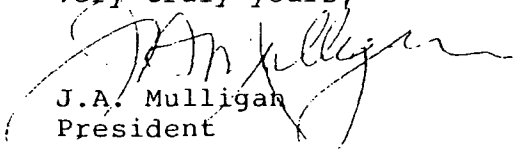
Dear Stefan D. Sedlak:

SUBJECT: YOUR LETTER OF 8/15/94

I am in receipt of the referenced letter and wish to comment as follows:

We take issue with the statement that an oil like substance is being discharged to the waters of the state. All oil leaking from the foundation of the loading dock of Alexandria Plastics is being contained, collected, and disposed of properly. All tests for oil from our J-9 pit to state waters have tested negative for oil, and therefore we believe that we are not in violation of our permit or of the WATER POLLUTION CONTROL ACT ( N.J.S.A. 58.10A ).

Very truly yours,

  
J.A. Mulligan  
President

cc: Patrick Durack, USEPA  
Edwark Grosvenor, H.O.  
Hudson Regional Health Commission

TEL: (201) 997-1880

FAX: (201) 997-8071

TWX: 5106001641

321  
PCF 000693





NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
CN 029, Trenton, NJ. 08625



DISCHARGE SURVEILLANCE REPORT

PERMIT # NJC031313 NO. OF DISCHARGES 001 CLASS HAS/IND

DISCHARGER Kier Kust; Division of PHE Incorporated

OWNER PHE Incorporated

MUNICIPALITY Kearny COUNTY Hudson WATERSHED CODE P

LOCATION 450 Schuyler Avenue

RECEIVING WATERS Frank's Creek Passaic River STREAM CLASS SE-3

LICENSED OPERATOR & PLANT CLASS \_\_\_\_\_

TRAINEE/ASSISTANT \_\_\_\_\_ OTHER INFO. (201) 997-1880

DEFICIENCIES OR COMMENTS Reviewed DMR's from April 1994 - Sept. 1994

~~Noted~~ Issued a Notice of Violation for exceedance of

TSS Max. Limit... reported value was 55% over the limit.

Housekeeping of facility continues to be messy, which

brought to their attention. Specifically, the area around the

loading which still has trash and oil there. A letter was

sent August 15, 1994 concerning their housekeeping.

OVERALL RATING ☐ Acceptable ☐ Conditionally Acceptable ☒ Unacceptable

EVALUATOR Elizabeth Melcher w/ Helen Wright TITLE Environmental Specialist

INFORMATION FURNISHED BY (Name) Mr. Jeff Gerber

(Title) Safety Mgr. (Organization) Kier Kust

DATE OF INSPECTION October 26, 1994



DISCHARGE SURVEILLANCE REPORT



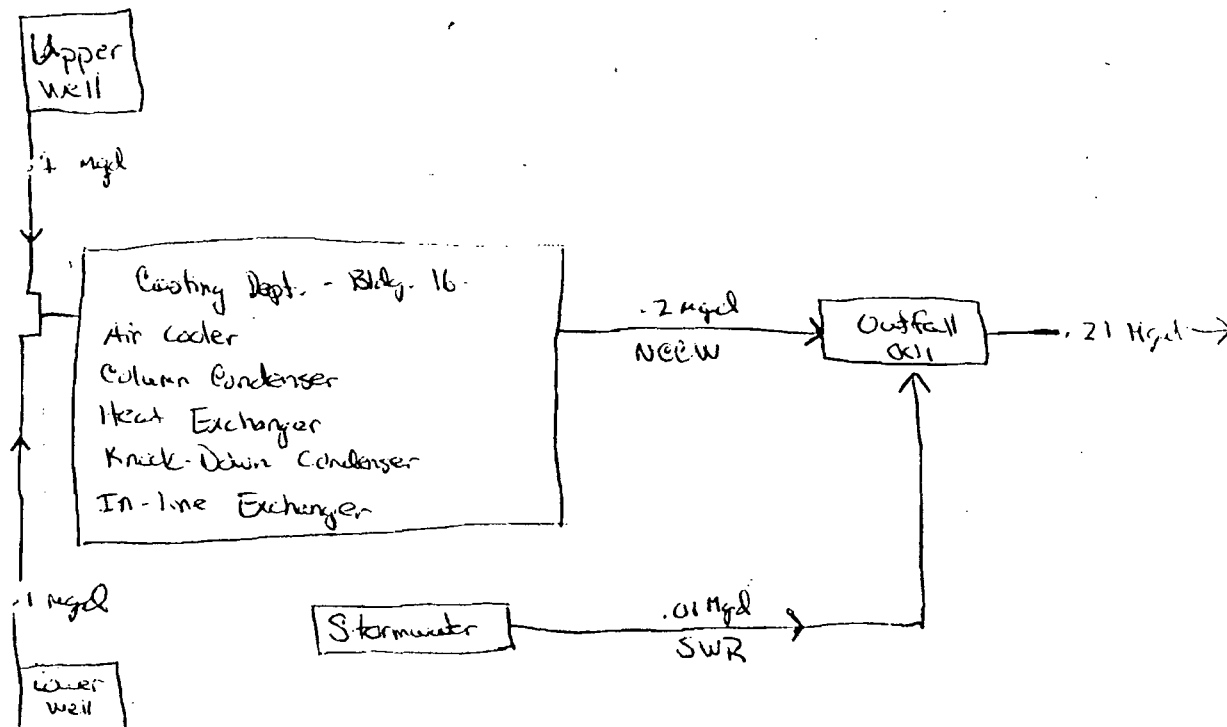
INDUSTRIAL TREATMENT PROCESS EVALUATION			
RATING CODES: S = Satisfactory M = Marginal U = Unsatisfactory NA = Not Applicable			
		RATING	COMMENTS
GENERAL	DISCHARGE # 001	---	Non Contact Cooling Water for Production
	WASTEWATER SOURCE(S)	---	Equipment & Stormwater Runoff
	CONTINUITY OF OPERATION	---	24 hrs. day, 7 days a week
	BYPASSES/OVERFLOWS	NA	
	S.P.C.C. PLAN	NA	
	ALARM SYSTEMS	NA	
	ALTERNATE POWER SUPPLY	NA	
TREATMENT PROCESSES			* Cooling operations were shut down for 2 months, from 8/17/94 - 10/17/94
			- Blending & Compounding operations were in operation only - 5 days a week / 24 hrs. a day
			- Optical operations in operation 5 days / wk. 12 hrs. / day
	Back Flow Preventer, Double Check Valve	S	
	Packing Tower	S	
SLUDGE HANDLING			
INFORMATION	DISPOSAL SITE		
	FLOW METER & RECORDER RECORDS	S	Flow Meter in Final Discharge Pit DHR's (April 1994 - Sept. 1994)
	SAMPLING PROCEDURES		
	ANALYSES PERFORMED BY	S	Accredited Laboratory Cert. No. 12-186 (pH, Temp)
OTHER	Medical Cannabis Permit	S	No. 506 2 on site Wells (renewed)
	Water Allocation Permit	NR	Trying to obtain permit to need more info before they can apply
	FINAL EFFLUENT APPEARANCE	S	Clear
	REC. WATERS APPEARANCE		Frank's Creek



## DISCHARGE SURVEILLANCE REPORT

Permit # NJ00031313  
Date October 26, 1994

## PLANT DIAGRAM AND FLOW SEQUENCE:



## DISCHARGE DATA

SOURCE: DMR'sPERIOD: April 1994 - Sept. 1994

DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA	DIS	PARA	SAMPLE TYPE	PERMIT LIMITS	DATA
			June 1994 DMR					Sept. 1994 DMR	
col	TCL		20.0 mg/L (Max) less than 40% over	27.0 mg/L	col	TSS		20.0 mg/L (Max) greater than 40% (55%)	31.0 mg/L
			July 1994 DMR						
col	Temp		30.0 °C less than 40% over	31.1 °C					

MONITORING DEFICIENCIES: Listed Above



DEP-090

8/94

New Jersey Department of Environmental Protection

## COMMUNICATIONS CENTER NOTIFICATION REPORT

Received 11/24/94

ID Log# 20780

Operator SELL

Reviewed By

Case # 94-11-24-1226-54

Reported By DISP BRANNIGAN Street Address		Notification Type Municipal Affiliation KEARNY TOWN FD Municipality		Phone 201-991-1400 State																																																																
Incident Location: Facility Site: KLEER KAST COMPANY Street Address SCHUYLER AVE		Municipality KEARNY TOWN		Phone 201-997-1880 County HUDSON State NJ																																																																
Location Type Commercial		Incident Date 11/24/94		Time 1137																																																																
Substance Released UNKNOWN LIQUID Amount Released ( ) UNK ID Unknown State Liquid CAS# Additional Substances		Release Is Terminated																																																																		
Substance Contained? N		Hazardous Material? U		TCPA? U																																																																
COMU Code 0907		Referral Code 001		A310 Letter? N																																																																
Incident Description Spill																																																																				
Injuries? N		Public Evac? N		Facility Evac? N																																																																
Police On Scene? Y		Firemen On Scene? Y		DEP Requested? N																																																																
Contamination Of Water		Receiving Water: UNK																																																																		
Status at Scene UNK AMT OF UNK MATERIAL ENTERED DRAINS AT FACIL DUE TO UNK REASONS, FD ON SCENE FLUSHING DRAINS.																																																																				
Responsible Party Known Party KLEER KAST COMPANY Contact UNK Street Address		Municipality KEARNY TOWN		Phone 201-997-1880 Title County HUDSON State NJ																																																																
<table border="1"> <thead> <tr> <th colspan="7">OFFICIALS NOTIFIED</th> </tr> <tr> <th></th> <th>Name</th> <th>Affiliation</th> <th>Phone</th> <th>Date</th> <th>Time</th> <th></th> </tr> </thead> <tbody> <tr> <td>NJSP</td> <td>NJSP</td> <td>FAX</td> <td></td> <td>11/24/94</td> <td></td> <td></td> </tr> <tr> <td>MUNIC</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>OTHER</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th></th> <th>Name</th> <th>Affiliation</th> <th>Method</th> <th>Date</th> <th>Time</th> <th>T/M</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>JOSEPH HOYLE</td> <td>DRPSR</td> <td>ER1</td> <td>11/24/94</td> <td>1232</td> <td>T</td> </tr> <tr> <td>2</td> <td></td> <td>DFG</td> <td>faxed</td> <td>11/24/94</td> <td></td> <td>T</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						OFFICIALS NOTIFIED								Name	Affiliation	Phone	Date	Time		NJSP	NJSP	FAX		11/24/94			MUNIC							OTHER								Name	Affiliation	Method	Date	Time	T/M	1	JOSEPH HOYLE	DRPSR	ER1	11/24/94	1232	T	2		DFG	faxed	11/24/94		T	3						
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3																																																																				
COMMENTS																																																																				



DEP-090

8/94

New Jersey Department of Environmental Protection

## COMMUNICATIONS CENTER NOTIFICATION REPORT

Received 11/29/94

TD Log# 20954

Operator JIMH

Reviewed By

Case # 94-11-29-1117-29

Reported By <b>ANONYMOUS</b>	Notification Type <b>Other</b>	Affiliation		Phone	
Street Address	Municipality		State		
Incident Location: <b>FACILITY</b>					
Site: <b>KLEAR KAST</b>	Street Address		Municipality	Phone	State
<b>450 SCHUYLER AVE</b>	<b>KEARNY TOWN</b>		<b>HUDSON</b>	<b>County</b>	<b>NJ</b>
Location Type <b>Industrial</b>		Incident Date <b>11/29/94</b>		Time <b>0801</b>	
Substance Released <b>OIL LIKE SUBSTANCE</b>					
Amount Released ( ) <b>UNK</b>		Release Is <b>Continuous</b>			
ID Known	State <b>Liquid</b>		CAS#		
Additional Substances					
Substance Contained? <b>N</b>		Hazardous Material? <b>Y</b>		TCRA? <b>N</b>	
COMU Code <b>0907</b>		Referral Code <b>101</b>		A310 Letter? <b>Y</b>	
Incident Description: <b>Sloppy Housekeeping</b>					
Injuries? <b>N</b>		Public Evac? <b>N</b>		Facility Evac? <b>N</b>	
Police On Scene? <b>N</b>		Firemen On Scene? <b>N</b>		DEP Requested? <b>Y</b>	
Contamination Of <b>Land</b>		Receiving Water			
Status at Scene <b>MATERIAL SEEPING FROM WALL AT LOADING DOCK OUT ON GROUND</b>					
Responsible Party <b>Known</b>					
Party <b>KLEAR KAST</b>		Phone		Title	
Contact		Municipality		County	
Street Address		Municipality		County	
<b>450 SCHUYLER AVE</b>		<b>KEARNY TOWN</b>		<b>HUDSON</b>	
				<b>NJ</b>	
OFFICIALS NOTIFIED					
NJSP	Name	Affiliation	Phone	Date	Time
MUNIC	<b>KEARNY TOWN</b>	<b>SGT. BENEDETTO</b>	<b>201-998-1313</b>	<b>11/29/94</b>	<b>1122</b>
OTHER					
1	Name	Affiliation	Method	Date	Time
2					
3					
COMMENTS					

DEP-090  
8/94

New Jersey Department of Environmental Protection

# COMMUNICATIONS CENTER NOTIFICATION REPORT

Received 11/24/94

ID Log# 70780

Operator SELL

Reviewed By *JA*

Case # 94-11-24-1226-54

Reported By <b>DISP BRANNIGAN</b> Street Address		Notification Type <b>Municipal</b> Affiliation <b>KEARNY TOWN FD</b> Municipality		Phone <b>201-991-1400</b> State	
Incident Location: <b>Facility</b> <b>SIB KLEER KAST COMPANY</b> Street Address		Municipality <b>KEARNY TOWN</b>		Phone <b>201-997-1880</b> County <b>HUDSON</b> State <b>NJ</b>	
Location Type <b>Commercial</b>		Incident Date <b>11/24/94</b>		Time <b>1137</b>	
Substance Released <b>UNKNOWN LIQUID</b> Amount Released ( ) <b>UNK</b> ID <b>Unknown</b> State <b>Liquid</b> CAS# <b>Release Is Terminated</b> Additional Substances Substance Contained? <b>N</b> Hazardous Material? <b>U</b> TCPA? <b>U</b> A310 Letter? <b>N</b> COMU Code <b>0907</b> Referral Code <b>001</b>					
Incident Description <b>Spill</b> Injuries? <b>N</b> Public Evac? <b>N</b> Facility Evac? <b>N</b> Public Exposure? <b>N</b> Police Or Scene? <b>Y</b> Fireman On Scene? <b>Y</b> DEP Requested? <b>N</b> Wind Sp/Dir Contamination Of Water Status at Scene Receiving Water <b>UNK</b> <b>UNK AMT OF UNK MATERIAL ENTERED DRAINS AT FACIL DUE TO UNK REASONS, FD ON SCENE FLUSHING DRAINS.</b>					
Responsible Party Known Party <b>KLEER KAST COMPANY</b> Contact <b>UNK</b> Street Address <b>SCHUYLER AVE</b>		Municipality <b>KEARNY TOWN</b>		Phone <b>201-997-1880</b> Title <b>HUDSON</b> County <b>HUDSON</b> State <b>NJ</b>	

OFFICIALS NOTIFIED						
Name	Affiliation	Phone	Date	Time		
NJSP MUNIC OTHER	FAX		11/24/94			

Name	Affiliation	Method	Date	Time	T/M
1 JOSEPH HOYLE	DRPSR ERI	ANS PAGE	11/24/94	1232	T
2	DFG	Faxed	11/24/94	2:54	T
3					

**COMMENTS**

DEP-090

8/94

New Jersey Department of Environmental Protection

## COMMUNICATIONS CENTER NOTIFICATION REPORT

Received 11/29/94

TD Log# 20954

Operator JIMH

Reviewed By

Case # 94-11-29-1117-29

Reported By <b>ANONYMOUS</b>		Notification Type <b>Other</b>		Phone	
Street Address		Municipality		State	
Incident Location <b>Facility</b>		Municipality		State	
Site: <b>KLEAR KAST</b>		County		State	
Street Address <b>450 SCHUYLER AVE</b>		<b>KEARNY TOWN</b>		<b>HUDSON NJ</b>	
Location Type <b>Industrial</b>		Incident Date <b>11/29/94</b>		Time <b>0801</b>	
Substance Released <b>OIL LIKE SUBSTANCE</b>		Amount Released <b>UNK</b>		Release is <b>Continuous</b>	
ID Known <b>State Liquid CAS#</b>		Hazardous Material? <b>Y</b>		TCPA? <b>N</b>	
Additional Substances		Release Code <b>101</b>		A310 Letter? <b>Y</b>	
Substance Contained? <b>N</b>		COMU Code <b>0907</b>		Referral Code	
Incident Description <b>Sloppy Housekeeping</b>					
Injuries? <b>N</b>		Public Evac? <b>N</b>		Facility Evac? <b>N</b>	
Police On Scene? <b>N</b>		Firemen On Scene? <b>N</b>		Public Exposure? <b>N</b>	
Contamination Of <b>Land</b>		Receiving Water		Wind Sp/Dir	
Status at Scene <b>MATERIAL SEEPING FROM WALL AT LOADING DOCK OUT ON GROUND</b>					
Responsible Party <b>Known</b>					
Party <b>KLEAR KAST</b>		Phone		Tide	
Contact		Municipality		County	
Street Address <b>450 SCHUYLER AVE</b>		<b>KEARNY TOWN</b>		<b>HUDSON NJ</b>	
OFFICIALS NOTIFIED					
Name		Affiliation		Phone	
NJGP		BET. BENEDETTO		201-998-1313	
MUNIC KEARNY TOWN				11/29/94	
OTHER				1122	
Name		Affiliation		Method	
1		DRPSE		Faxed, Mail	
2		BET. BENEDETTO		11/29/94	
3					
COMMENTS					



MEMORANDUM

Nov 29 1994

To: Pete Lynch, Chief, Metro Bureau of Water and Waste Enforcement

Kevin Kratina, Chief, Bureau of Underground Storage Tanks

Karen Fell, Acting Chief, Bureau of Ground Water Pollution Abatement

Brenda Jogan, Chief, Bureau of Operational Ground Water Permits

Anthony Pilawski, Supervisor, Bureau of Pretreatment and Residuals

Suzanne Dietrick, Industrial Biomonitoring Program, Bureau of Standard Permitting

Administrative Support Unit Mail Login, Bureau of Stormwater Permitting

Ron Rulon, Delaware River Basin Commission

Jim Joseph, Bureau of Shell Fisheries, Division of Fish, Game and Wildlife

Robert Oberthaler, Manager, Surface Water Quality Standards Program

From: Ram Pyarilal, Bureau of Standard Permitting  
Wastewater Facilities Regulation Program, Division of Water Quality

Subject: NJPDES/DSW Draft Permit: NJ0031313

Applicant: Kleer Kast, Inc., Kearny  
County: Hudson County

The attached document is prepared in accordance with N.J.S.A. 58:10A-1 et seq. and the NJPDES Regulations N.J.A.C. 7:14A-1 et seq. Please provide your comments and/or any specific requirements for this permit within 7 calendar days of this memorandum. If we do not receive any comments by the aforementioned deadline, we will assume that you concur with the permit as drafted. If you have any questions, please contact me at (609) 292-4860.

To: Ram Pyarilal, Bureau of Standard Permitting  
Wastewater Facilities Regulation Program, Division of Water Quality

From: \_\_\_\_\_

Subject: NJPDES/DSW Permit: NJ0031313

☐ I concur with the conditions of the draft permit.

☐ I concur with the conditions of the draft permit with the addition of the attached recommendations.

☐ I do not concur with the draft permit for the attached reasons.

Comments:

New Jersey Department of Environmental Protection  
Division of Water Quality  
Bureau of Standard Permitting

**PUBLIC NOTICE**

Notice is hereby given that the N.J. Department of Environmental Protection (NJDEP) proposes to renew the New Jersey Pollutant Discharge Elimination System (NJPDES) Permit NJ 0031313 in accordance with N.J.A.C. 7:14A-1 et seq. and by authority of N.J.S.A. 58:10A-1 et seq., to protect the environment and public health and to control the discharge of pollutants to surface waters from:

Kleer Kast, Inc.  
450 Schuler Avenue  
Kearny, Hudson County

This facility manufactures cellulose acetate sheets, and conducts compounding of plastic pellets, and extrusion of optical frame plastics. This facility discharges an average of approximately 0.21 million gallons per day of non-contact cooling water and stormwater through outfall 001 to a tributary of Frank Creek, classified as SE3 waters, via a storm sewer. The non-contact cooling and stormwater is untreated prior to discharge.

A draft NJPDES permit renewal has been prepared for this facility based on the administrative record filed at NJDEP, 401 East State Street, Trenton. Copies of the draft document are obtainable, for a nominal charge, and the administrative record is available for inspection by appointment only, Monday through Friday, by contacting the NJDEP file room at (609)292-0400. Specific information regarding the draft document may be obtained from Ram Pyarilal of the Bureau of Standard Permitting at (609)292-4860.

Comments on the draft document or a request that NJDEP hold a non-adversarial public hearing on the document must be submitted, in writing, to the individual specified below during the public comment period, which closes 30 calendar days after publication of this notice. All persons, including applicant, who believe that any condition of the draft document or NJDEP's tentative decision to issue this permit action is inappropriate must raise all reasonable issues of concern and submit all arguments and factual materials supporting their position during the public comment period. Any request for a public hearing shall state the nature of the proposed issues to be raised in the hearing. A public hearing will be conducted if NJDEP determines there is a significant degree of public interest. If a public hearing is held, the public comment period is automatically extended through the close of the hearing.

NJDEP will consider and respond to all significant and timely submitted comments. The applicant, and each person who submitted written comments, will receive notice of NJDEP's final decision to issue, deny or redraft the document.

Richard DeWan, Chief  
Bureau of Standard Permitting  
CN-029, Trenton, NJ 08625

State of New Jersey  
Department of Environmental Protection  
Wastewater Facilities Regulation Program  
401 East State Street, CN-029  
Trenton, New Jersey 08625

**FACT SHEET  
FOR DRAFT NJPDES PERMIT TO DISCHARGE  
INTO THE WATERS OF THE STATE OF NEW JERSEY**

Permit No. NJ0031313

Name and Address of Applicant: Kleer Kast, Inc.  
450 Schuyler Avenue  
Kearny, New Jersey, 07032

Name and Address of Facility  
where Discharge Occurs: Kleer Kast, Inc.  
450 Schuyler Avenue  
Kearny, Hudson County  
New Jersey, 07032

Receiving Water and  
Method of Conveyance: An unnamed tributary of Franks Creek, via a storm sewer

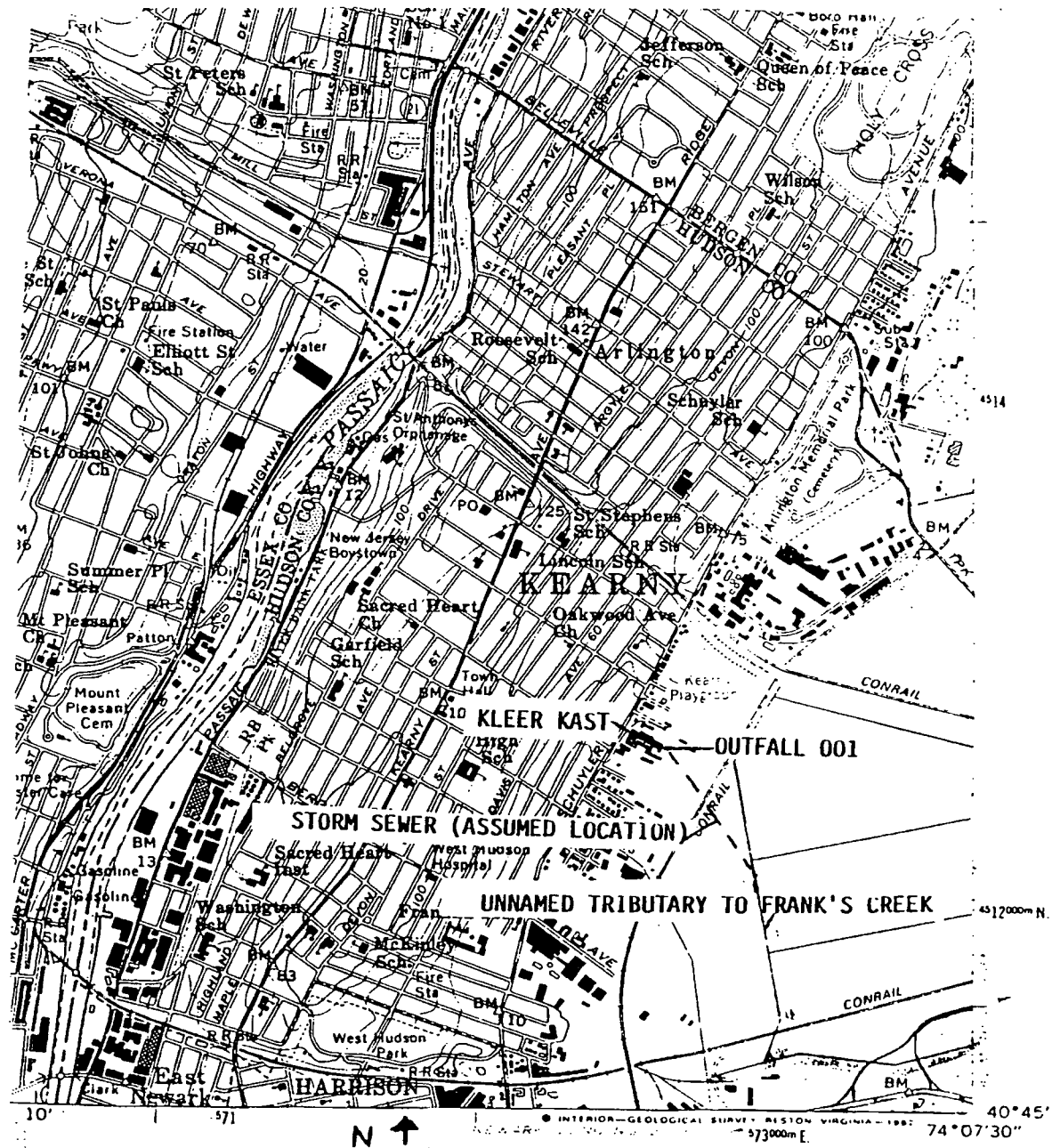
Classification: SE3

**I. DESCRIPTION OF FACILITY**

The above named applicant has applied for a New Jersey Pollutant Discharge Elimination System (NJPDES) permit, to the Department of Environmental Protection, Division of Water Quality to discharge into the designated receiving water. A location map of the facility is included in this fact sheet.

The facility at the above mentioned address is involved in the manufacture and processing of cellulose acetate sheets, compounding of plastic pellets, and the extrusion of optical frame plastics, and is covered under Standard Industrial Classification (SIC) Code 3079. The process includes casting of film materials and the extrusion of pellet compounds. The applicant has one discharge (DSN 001) consisting of non-contact cooling water from the solvent recovery system and mixing room, and stormwater run-off from roof drains and catch basins. Stormwater is estimated to comprise less than 5 percent of the effluent discharge. These waste streams receive no treatment prior to discharge to a tributary of Franks Creek. The source of water is a combination of onsite private groundwater production wells and municipally-supplied water.

Kleer Kast Facility (Orange Quadrangle)





**PERMIT SUMMARY TABLE**

Facility: Kleer Kast

Discharge Serial Number (DSN): 001

Receiving Stream: Unnamed Tributary of Franks Creek

Latitude: 40° 45' 0"

Wastewater Type: Non-Contact Cooling Water and Stormwater Run-off Classification: SE3

Longitude: 74° 07' 30"

Long-Term Average Design Flow: 0.21 MGD

River Basin: Passaic River

Parameter All units in mg/l unless otherwise noted		NJPDES Application	Existing NJPDES/DSW Permit	NJPDES/DSW DMR 1/88-5/93	Tech. Man. Effluent Limitation	Pollutant Reduction Study Goal	Other[1]	Water Based Quality	Draft Permit Limitation
Flow M.G.D.	avg max data pts	0.15 0.30 1	NL NL	0.21 0.41 50					NL NL
Temperature °C	avg max data pts	21.7 21.7 1	NA 30	21.03 74.0 50					NA 30
pH standard units	min max data pts	6.9 6.9 1	6.0 9.0	7.36 8.03 50			6.0 9.0		6.0 9.0
Total Suspended Solids	avg max data pts	3.0 3.0 1	NL 20	3.55 80.8 47					NL 20
Total Organic Carbon	avg max data pts	7.0 7.0 1	NL 20	9.12 29.0 48					NL 20
Petroleum Hydrocarbons	avg max data pts	0.5 0.5 1	10 15	0.95 9.50 30 (24)			10 15		10 15
Acetone	avg max data pts	NDA NDA	NL NL	0.84 9.85 17	NE NE	NE NE			NL NL
Diethyl Phthalate	avg max data pts	NDA NDA	NL NL	0.055 0.338 15	0.081[2] 0.203	NE NE			0.081[2] 0.203
Dimethyl Phthalate	avg max data pts	NDA NDA	NL NL	0.013 0.057 10	0.019[2] 0.047	NE NE			0.019[2] 0.047

Parameter All units in mg/l unless otherwise noted		NJPDES Application	Existing NJPDES/DSW Permit	NJPDES/DSW DMR 1/88-5/93	Tech. Man. Effluent Limitation	Pollutant Reduction Study Goal	Other[1]	Water Based Quality	Draft Permit Limitation
Di-N-Butyl Phthalate	avg max data pts	NDA NDA	NA NA	0.005 0.0048 10	0.027[2] 0.057	NE NE			0.027[2] 0.057
Chlorine Produced Oxidants	avg max data pts	NDA NDA	NA NA	NDA NDA			NL 0.20		NL NL

The abbreviation "NA" denotes "Not Applicable" while "NL" denotes "Not Limited" with monitoring and reporting required. MGD is the abbreviation for million gallons per day. s.u. is the abbreviation for standard units. NDA denotes "No Data Available." NE denotes "None Established." EDP is the abbreviation for effective date of permit.

- [1] Requirements set forth in state and federal regulations.  
 [2] Represents a monthly average.



Let's protect our earth



**State of New Jersey**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
DIVISION OF ENFORCEMENT FIELD OPERATIONS  
Metro Bureau of Water and Hazardous Waste Enforcement  
2 Babcock Place, West Orange, N.J. 07052  
(201) 669-3900

January 17, 1995

Mr. John A. Mulligan  
President  
Kleer Kast/Division of PMC, Inc.  
450 Schuyler Avenue  
Kearny, New Jersey 07032

Re: Compliance Evaluation Inspection  
Kleer Kast/Division of PMC, Inc.  
NJPDES No. NJ0031313  
Kearny/Hudson County

Dear Mr. Mulligan:

A Compliance Evaluation Inspection of your facility was conducted by a representatives of this Bureau on October 26, 1994. A copy of the completed inspection report is enclosed for your information.

Your facility received a rating of "UNACCEPTABLE" due to the following deficiency:

1. A review of the Discharge Monitoring Reports (DMRs) for DSN 001 has revealed an effluent limitation violation during the month of September 1994.

MONIT. PERIOD <u>END DATE</u>	<u>VIOL CODE</u>	<u>PARAM CODE</u>	<u>DSN No.</u>	<u>VIOLATION DESCRIPTION</u>
09/30/94	E95	00530	001	Stat VIOL-Avg Conc/MAX
09/30/94	E95	00530	001	Numeric Viol Max Conc

Key for the table above:

PARAM CODES:  
00530 - Total Suspended Solids

PCF 000707

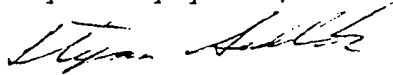
The deficiencies noted above have placed your facility in significant violation of the terms and conditions of your NJPDES permit and/or the Water Pollution Control Act Regulations (N.J.A.C. 7:14A-1 et seq.). You are therefore DIRECTED to institute corrective measures. A written report concerning specific details of remedial measures to be instituted, as well as an implementation timetable, must be submitted to this Department and USEPA, Permits Administration Branch within thirty (30) calendar days of the date of this correspondence.

You are advised that the New Jersey Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) provides for substantial monetary and criminal penalties in cases of permit violations.

Please direct all correspondence and inquiries to Elizabeth Kelleher, the member of my staff responsible for this case, who can be reached at (201) 669-3900, or by letter through this Bureau.

Failure to fully comply with the above will result in the initiation of enforcement action by this Department. This shall in no way be construed, however, to indicate any exemption on your part from possible penalties for violations indicated by the Compliance Evaluation Inspection, as stated above.

Very truly yours,

  
Stefan D. Sedlak  
Section Chief  
Metro Bureau of Water and  
Hazardous Waste Enforcement

E17

c: Patrick Durack, USEPA  
Edward Grosvenor, H.O





**KleerKast**

"A Division of PMC Inc."

450 Schuyler Avenue  
Kearny, New Jersey 07032 21 11 '95

February 6, 1995

Elizabeth Kelleher  
Metro Bureau of Water & Hazardous Waste Enforcement  
Division of Facility Wide Enforcement  
NJDEP  
2 Babcock Place  
West Orange, New Jersey 07052

Dear Ms. Kelleher:

This letter is written in response to the letter we received from Stefan Sedlak dated January 17, 1995 regarding a compliance evaluation inspection at our facility. This letter will offer information regarding the circumstances of the test data and provide additional information that demonstrates that our facility consistently meets the requirements of our discharge permit, NJPDES No. NJ0031313.

Each month, Kleer Kast is required to sample and report information regarding discharges of non-contact cooling water and stormwater to Frank's Creek. A sample was taken during the month of September and analyzed per the permit requirements. The analysis of the particular sample in question showed that the Total Suspended Solids (TSS) was 31 mg/l which is in excess of our 20 mg/l permit requirement. This data was reported as required on our discharge monitoring report.

The extremely high TSS level came as a surprise to Kleer Kast. At the time of the sampling, the casting operation that uses the non-contact cooling water was not in operation. This production unit had been shut down since August 17 for maintenance purposes. This is the only production unit which discharges non-contact cooling water to Frank's Creek. Additionally, there was no rainfall event from August 30, 1994 through September 2, 1994. The sample was obtained on September 1.

Kleer Kast employees began an investigation for the reasons why an exceedance was reported. In looking more closely at the data, we were equally surprised at a flow measurement of 9,000 gallons/day discharge. We contacted a service company to inspect and calibrate the flow meter probe to assure its accuracy. During the inspection and reinstallation of the probe, it was determined that the check valve from the discharge point to Frank's Creek was not functioning properly. We have determined that the flow meter will measure flow of water coming into our sewer from a tidal influence as well as a discharge from our facility. Since the production unit was not in operation and since there was no stormwater event to measure a discharge, we assume that the water sample taken at the time was a tidal backwash from Frank's Creek.

TEL: (201) 997-1880

FAX: (201) 997-8071

TWX: 5106001641

PCF 000709

Kleer Kast has a long history of compliance with our discharge permit limit for Total Suspended Solids at this location. The following table will show that our discharges consistently meet the permit limits.

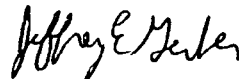
Month	Result (mg/l)
January	17
February	less than 2
March	3
April	5
May	9
June	less than 2
July	4
August	4
October	less than 2
November	8
December	5

As you can see from the above data, none of these TSS levels are in violation of our permit. The value recorded for September is abnormal.

The repair to the check valve was made in September. Since that time, Kleer Kast has not exceeded the TSS level for our discharges. We feel that we have remediated the problem and that we have demonstrated that the remediation is effective. We ask that you review this information and revise our rating to acceptable for compliance with our NJPDES permit. Due to the unusual circumstances surrounding this incident, we feel that no penalty should be assessed against Kleer Kast.

Finally, Mr. Mulligan has separated from the company. Please direct any future correspondence to Mr. Thomas Azzarelli, Division President. I hope we can resolve this issue quickly with your department. If you have any questions, please call me at (201) 997-1880.

Sincerely,



Jeffrey E. Gerber  
Regulatory Specialist

JEG/blm

cc: Stefan D. Sedlak, Section Chief - NJDEP  
T. Azzarelli  
H. O'Neill  
J. K. Fulton





*Stefan D. Sedlak*

LOIKITH, D'ALESSIO & KUGELMAN

A PROFESSIONAL CORPORATION

COUNSELLORS AT LAW

9 LAW DRIVE

FAIRFIELD, NEW JERSEY 07004

THOMAS LOIKITH  
EDWARD P. D'ALESSIO  
WILLIAM R. KUGELMAN

RECEIVED  
DIVISION

MAR 6 1 05 PM '95

201-882-7744  
FAX 201-882-7880

March 2, 1995

Mr. Stefan D. Sedlak, Section Chief  
New Jersey Dept. of Environmental Protection  
Division of Enforcement Field Operations  
Metro Bureau of Water and Hazardous Waste Enforcement  
2 Babcock Place  
West Orange, New Jersey 07052

Re: Kleer Kast, a division of PMC, Inc.  
DEP's letter of August 15, 1994

Dear Mr. Sedlak:

Please be advised that this firm represents PMC, Inc. in connection with certain landlord-tenant proceedings instituted against PMC's tenant, Alexandria Plastics, Inc.

Your letter of August 15, 1994 has recently been forwarded to me. In response to your demands concerning the "oil like substance" seen leaking from the loading dock area, I enclose herewith a copy of a sampling and fingerprinting report prepared by Direct Environmental, Inc. on or about February 10, 1995. As set forth in the report, it has been determined that Alexandria Plastics is the source of the oil substance.

Additionally, pursuant to an Order entered by the Hon. David Isennman, of the Superior Court of New Jersey, Hudson County, Alexandria Plastics is required to notify the DEP of the cessation of its operations at the site. Pursuant to a further Order of the Court, a Warrant of Removal was to be served upon Alexandria Plastics on March 1, 1995. I have been informed by the Court that due to a lack of staff, the County Constable will not actually execute the Warrant until March 3.

Despite my numerous requests, as of this date, I have not been provided with proof of

LOIKITH, D'ALESSIO & KUGELMAN

Mr. Stefan D. Sedlak  
COUNSELLORS AT LAW

March 2, 1995

Page two

Alexandria Plastics' notification to DEP. Kindly advise whether Alexandria Plastics has provided the required notification to DEP.

Thank you for your anticipated cooperation.

Very truly yours,

  
William R. Kugelman

cc: Mr. John Fulton  
w/o encls.

PCF 000712



000047

(21)

LEVEL 1 - 1 OF 2 DOCUMENTS

PAGE 1

Copyright 1989 VISTA Environmental Information, Inc.  
Toxic Chemical Release Inventory  
TRIS

KLEER KAST DIV OF PMC INC.  
450 SCHUYLER AVE.  
KEARNY, NJ 07032

LAST-UPDATE: February 25, 1991

REPORTING-YEAR: 1989

EPA-REGION: 02

COUNTY: HUDSON

COUNTY-CODE: 34017

LATITUDE: 0404530

LONGITUDE: 0740800

D&B-NO: 184691491

NPDES-NO: NJ0031313

TRIS-ID: 07032KLRKS450SC

SIC-CODES:

3081 - MFG-UNSUPPORTED PLASTIC FILM & SHEET

3087 - MFG-CUSTOMER COMPOUNDING OF PURCHASED PALST

CONTACT-NAME: J. A. MULLIGAN

CONTACT-PHONE: 201-997-1880

COVERED-FACILITY: Data covers an entire facility

PARENT-COMPANY: PMC INC.

PARENT-D&B-NO: 076191519

CHEM-RELS-INFO:

Chemical Info

CAS #: 000067641

Name: ACETONE

Manufacture/Process/Other Use Info

Other Use: as a manufacturing aid

Release/Transfer Info

Release Medium: Non-Point Air Release

Range-Midpoint of Range

Amount (lbs): 210000.00

PCF 000717

TRIS, December 31, 1989

PAGE 2

Release/Transfer Info  
Release Medium: Point Air Release  
Range: Midpoint of range  
Amount (lbs): 350000.00

Release/Transfer Info  
Release Medium: Water Release  
Range: Midpoint of range  
Amount (lbs): 250.00  
Land Disposal Type: LOWER PASSAIC RIVER  
Stormwater Pct.: 95.0

Release/Transfer Info  
Release Medium: POTW Transfer  
POTW Address:  
PASSAIC VALLEY SEWERAGE COMMISSIONERS  
600 WILSON AVE.  
NEWARK, NJ 07105  
County: ESSEX  
Range: Midpoint of range  
Amount (lbs): 110000.00

Release/Transfer Summary (lbs)  
Air: 560000.0  
Water: 250.0  
Land: 0.0  
All Releases: 560250.0  
POTW: 110000.0  
Offsite: 0.0  
All Transfers: 110000.0  
All Releases and Transfers: 670250.0

Waste Treatment Info  
General Wastestream: ABSORPTION - CARBON  
Sequential Treatment: Yes  
Not based on operating data

Waste Treatment Info  
Sequential Treatment: Yes  
Not based on operating data

Waste Treatment Info  
General Wastestream: SOLVENTS/ORGANICS RECOVERY - OTHER  
Treatment Concentration: 95.0  
Sequential Treatment: Yes  
Not based on operating data

Waste Treatment Info  
Sequential Treatment: No  
Not based on operating data

Chemical Info  
CAS #: 000084662  
Name: DIETHYL PHTHALATE

PCF 000718

TRIS, December 31, 1989

PAGE 3

Manufacture/Process/Other Use Info  
Other Use: as a manufacturing aid

Release/Transfer Info  
Release Medium: Non-Point Air Release  
Range: Midpoint of range  
Amount (lbs): 2800.00

Release/Transfer Info  
Release Medium: Point Air Release  
Range: Midpoint of range  
Amount (lbs): 1300.00

Release/Transfer Info  
Release Medium: Water Release  
Range: Midpoint of range  
Amount (lbs): 250.00  
Land Disposal Type: LOWER PASSAIC RIVER  
Stormwater Pct.: 95.0

Release/Transfer Info  
Release Medium: POTW Transfer  
POTW Address:  
PASSAIC VALLEY SEWERAGE COMMISSIONERS  
600 WILSON AVE.  
NEWARK, NJ 07105  
County: ESSEX  
Range: Midpoint of range  
Amount (lbs): 10000.00

Release/Transfer Summary (lbs)  
Air: 4100.0  
Water: 250.0  
Land: 0.0  
All Releases: 4350.0  
POTW: 10000.0  
Offsite: 0.0  
All Transfers: 10000.0  
All Releases and Transfers: 14350.0

Waste Treatment Info  
Treatment Concentration: 99.0  
Sequential Treatment: No  
Not based on operating data

Waste Treatment Info  
Sequential Treatment: Yes  
Not based on operating data

Waste Treatment Info  
Treatment Concentration: 99.0  
Sequential Treatment: Yes  
Not based on operating data

PCF 000719

TRIS, December 31, 1989

PAGE 4

Waste Treatment Info  
Sequential Treatment: No  
Not based on operating data

Chemical Info  
CAS #: 000071556  
Name: 1,1,1-TRICHLOROETHANE

Release/Transfer Info  
Release Medium: Non-Point Air Release  
Range: Midpoint of range  
Amount (lbs): 250.00

Release/Transfer Info  
Release Medium: POTW Transfer  
POTW Address:  
PASSAIC VALLEY SEWERAGE COMMISSIONERS  
600 WILSON AVE.  
NEWARK, NJ 07105  
County: ESSEX  
Range: Midpoint of range  
Amount (lbs): 13000.00

Release/Transfer Summary (lbs)  
Air: 250.0  
Water: 0.0  
Land: 0.0  
All Releases: 250.0  
POTW: 13000.0  
Offsite: 0.0  
All Transfers: 13000.0  
All Releases and Transfers: 13250.0

Waste Treatment Info  
Sequential Treatment: No  
Not based on operating data

PCF-000720



LEVEL 1 - 1 OF 1 DOCUMENT

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Resource Conservation and Recovery Information System (RCRIS)/HWDMS

EPA-ID: NJD056708688

KLEER KAST DIVISION PMC, INC.  
450 SCHUYLER AVENUE  
KEARNY NJ 07032

LAST-UPDATE: October 04, 1988

CONTACT-NAME: AUSTIN, ED

CONTACT-PHONE: 201-997-1880

MAIL-ADDR-STREET: 450 SCHUYLER AVENUE

MAIL-ADDR-CITY: KEARNY

MAIL-ADDR-STATE: NJ

MAIL-ADDR-ZIP: 07032

EPA-REGION: 02

TYPE-OWNER: PRIVATE, NON-GOVERNMENT OWNED AND OPERATED

OWNER-NAME: PMC, INC, SUN VALLEY CA

OWN/OPER-STATUS: THE FACILITY IS GENERATOR AND/OR TRANSPORTER, BUT NOT A TSDF

COUNTY: HUDSON

PERMIT-STATUS:  
Non-Regulated Facility Indicator: NON-HANDLER

Notification Receipt Date: May 04, 1987

Notification Ack Date: June 30, 1987

WASTE:  
Code: U088 DIETHYL PHTHALATE

Code: D001 IGNITABLE WASTE



LEVEL 1 - 2 OF 2 DOCUMENTS

Copyright 1992 VISTA Environmental Information, Inc.  
Toxic Chemical Release Inventory  
TRIS

KLEER KAST DIV. OF PMC INC.  
450 SCHUYLER AVE.  
KEARNY, NJ 07032

REPORTING-YEAR: 1990

EPA-REGION: 02

COUNTY: HUDSON

COUNTY-CODE: 34017

LATITUDE: 0404530

LONGITUDE: 0740800

D&B-NO: 184691491

NPDES-NO: NJ0031313

TRIS-ID: 07032KLRKS450SC

3081 - MFG-UNSUPPORTED PLASTIC FILM & SHEET

3087 - MFG-CUSTOMER COMPOUNDING OF PURCHASED PALST

CONTACT-NAME: J. A. MULLIGAN

CONTACT-PHONE: 201-997-1880

COVERED-FACILITY: Data covers an entire facility

PARENT-COMPANY: PMC INC.

PARENT-D&B-NO: 076191519

Chemical Info

CAS #: 000067641

Name: ACETONE

Trade Secret: No

Max. Amt. On-site: 100,000 TO 999,999

Max. Amt. On-site midpoint: 550000

Manufacture/Process/Other Use Info

Process: process: as a formulation component

Other Use: otherwise used: ancillary or other use

Release/Transfer Info

Release Medium: Non-Point Air Release

Location is not under control of reporting facility or parent company

Range: Estimate

Amount: 220000.00

Basis for Estimate: other

Release/Transfer Info

Release Medium: Point Air Release

Location is not under control of reporting facility or parent company

TRIS, August, 1992

PAGE 6

Range: Estimate  
Amount: 350000.00  
Basis for Estimate: other  
Release/Transfer Info  
Release Medium: Water Release  
Location is not under control of reporting facility or parent company  
Range: Midpoint of range  
Amount: 250.00  
Basis for Estimate: based on monitoring data  
Stream Name: LOWER HACKENSACK RIVER  
Stormwater Pct.: 250.00  
Release/Transfer Info  
Release Medium: POTW Transfer  
POTW Address:  
PASSAIC VALLEY SEWERAGE COMMISSION  
600 WILSON AVE.  
NEWARK, NJ 07105  
County: ESSEX  
Location is not under control of reporting facility or parent company  
Range: Estimate  
Amount: 110000.00  
Basis for Estimate: based on monitoring data  
Release/Transfer Info  
Release Medium: Offsite Transfer  
Offsite Location EPA-ID: UNKNOWN  
Offsite Location Address:  
HACKENSACK MEADOWLANDS DEVELOPMENT COMM. LANDFILL  
100 BAILER BLVD.  
LYNDHURST, NJ 07071  
County: BERGEN  
Location is not under control of reporting facility or parent company  
Range: Estimate  
Amount: 230000.00  
Basis for Estimate: other  
Treatment/Disposal Method: LANDFILL/DISPOSAL SURFACE IMPOUNDMENT  
Release/Transfer Summary  
Air: 570000.00  
Water: 250.00  
All Releases: 570250.00  
POTW: 110000.00  
Offsite: 230000.00  
All Transfers: 340000.00  
All Releases & Transfers: 910250.00  
Waste Treatment Info  
General Wastestream: GASEOUS (INCLUDING GASES,VAPORS,AIRBORNE PARTICULATES)  
Treatment Method: ADSORPTION--CARBON  
Influent Concentration: GREATER THAN 1 PERCENT  
Treatment Efficiency: 95.00  
Sequential Treatment: No  
Based on operating data  
Waste Treatment Info  
General Wastestream: WASTEWATER (AQUEOUS WASTE)  
Treatment Method: SOLVENTS/ORGANICS RECOVERY--OTHER  
Influent Concentration: GREATER THAN 1 PERCENT  
Treatment Efficiency: 99.00

PCF 000723

Sequential Treatment: No  
Based on operating data

Chemical Info

CAS #: 000084662

Name: DIETHYL PHTHALATE

Trade Secret: No

Max. Amt. On-site: 100,000 TO 999,999

Max. Amt. On-site midpoint: 550000

Manufacture/Process/Other Use Info

Process: , process: as a formulation component

Other Use: , otherwise used: ancillary or other use

Release/Transfer Info

Release Medium: Non-Point Air Release

Location is not under control of reporting facility or parent company

Range: Estimate

Amount: 2500.00

Basis for Estimate: other

Release/Transfer Info

Release Medium: Point Air Release

Location is not under control of reporting facility or parent company

Range: Estimate

Amount: 3200.00

Basis for Estimate: other

Release/Transfer Info

Release Medium: Water Release

Location is not under control of reporting facility or parent company

Range: Midpoint of range

Amount: 250.00

Basis for Estimate: based on monitoring data

Stream Name: LOWER HACKENSACK RIVER

Stormwater Pct.: 250.00

Release/Transfer Info

Release Medium: POTW Transfer

POTW Address:

PASSAIC VALLEY SEWERAGE COMMISSION

600 WILSON AVE.

NEWARK, NJ 07105

County: ESSEX

Location is not under control of reporting facility or parent company

Range: Estimate

Amount: 45000.00

Basis for Estimate: other

Release/Transfer Info

Release Medium: Offsite Transfer

Offsite Location EPA-ID: UNKNOWN

Offsite Location Address:

HACKENSACK MEADOWLANDS DEVELOPMENT COMM. LANDFILL

100 BAILER BLVD.

LYNDHURST, NJ 07071

County: BERGEN

Location is not under control of reporting facility or parent company

Range: Estimate

Amount: 27000.00

Basis for Estimate: other

TRIS, August, 1992

Treatment/Disposal Method: LANDFILL/DISPOSAL SURFACE IMPOUNDMENT

## Release/Transfer Summary

Air: 5700.00

Water: 250.00

All Releases: 5950.00

POTW: 45000.00

Offsite: 27000.00

All Transfers: 72000.00

All Releases &amp; Transfers: 77950.00

## Waste Treatment Info

General Wastestream: GASEOUS (INCLUDING GASES,VAPORS,AIRBORNE PARTICULATES)

Treatment Method: MECHANICAL SEPARATION

Influent Concentration: 1 PART PER MILLION TO 100 PARTS PER MILLION

Sequential Treatment: Yes

Not based on operating data

## Waste Treatment Info

General Wastestream: GASEOUS (INCLUDING GASES,VAPORS,AIRBORNE PARTICULATES)

Treatment Method: OTHER AIR EMISSION TREATMENT

Treatment Efficiency: 99.00

Sequential Treatment: Yes

Not based on operating data

## Waste Treatment Info

General Wastestream: GASEOUS (INCLUDING GASES,VAPORS,AIRBORNE PARTICULATES)

Treatment Method: MECHANICAL SEPARATION

Influent Concentration: 1 PART PER MILLION TO 100 PARTS PER MILLION

Treatment Efficiency: 99.00

Sequential Treatment: No

Not based on operating data

## Waste Treatment Info

General Wastestream: GASEOUS (INCLUDING GASES,VAPORS,AIRBORNE PARTICULATES)

Treatment Method: ADSORPTION--CARBON

Influent Concentration: 1 PART PER MILLION TO 100 PARTS PER MILLION

Treatment Efficiency: 95.00

Sequential Treatment: No

Not based on operating data

## Chemical Info

CAS #: 000071556

Name: 1,1,1-TRICHLOROETHANE

Trade Secret: No

Max. Amt. On-site: 1,000 TO 9,999

Max. Amt. On-site midpoint: 5500

## Manufacture/Process/Other Use Info

Other Use: , otherwise used: ancillary or other use

## Release/Transfer Info

Release Medium: Non-Point Air Release

Location is not under control of reporting facility or parent company

Range: Midpoint of range

Amount: 250.00

Basis for Estimate: other

## Release/Transfer Info

Release Medium: POTW Transfer

POTW Address:

PASSAIC VALLEY SEWERAGE COMMISSION

600 WILSON AVE.

PCF 000725

TRIS, August, 1992

NEWARK, NJ 07105

County: ESSEX

Location is not under control of reporting facility or parent company

Range: Estimate

Amount: 11000.00

Basis for Estimate: other

Release/Transfer Summary

Air: 250.00

All Releases: 250.00

POTW: 11000.00

All Transfers: 11000.00

All Releases & Transfers: 11250.00

Waste Treatment Info

Treatment Method: ADSORPTION--CARBON

Sequential Treatment: No

Not based on operating data

PCF 000726





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Copyright 1993 VISTA Environmental Information, Inc.  
DOCKETS: Civil and Judicial Actions (EPADKT)

CASE-NO: 02-85-0030

CASE-NAME: KLEER KAST, INC.

FILE-DATE: September 30, 1985

CONCLUSION-DATE: June 03, 1987

COURT-DOCKET: 85-4718(AJL)

FEDERAL-PENALTY: \$ 100,000

RECOVERY-AWARDED: \$ 0

RESULT: Consent decree with penalty

DEFENDANT-INFO:

KLEER KAST, INC.

SITE-INFO:

VISTA-NO: 3801457

EPA-ID: NJD056708688

KLEER KAST DIV OF P M C INC

450 SCHUYLER AVE

KEARNY, NJ 07032

LAW-INFO:

LAW: Clean Water Act

SECTION: 402

LAW: Clean Water Act

SECTION: 309

LAW: Clean Water Act

SECTION: 301

VIOLATION: Permit violation

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SPL: State Priority List

LAST-UPDATE: July, 1993

KLEER KAST  
450 SCHUYLER AVENUE  
KEARNY NJ 07032

VISTA-NO: 3418736

VERIFIED FACILITY INFORMATION:  
KEARNY  
07032

LEAD-AGENCY: STATE

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SPL: State Priority List

LAST-UPDATE: July, 1993

KLEER KAST  
450 SCHUYLER AVENUE  
KEARNY NJ 07032

VISTA-NO: 3418736

ALIAS:  
KLEERKAST INC  
450 SCHUYLER AVE  
KEARNY NJ

VERIFIED FACILITY INFORMATION:  
KEARNY  
07032

LEAD-AGENCY: STATE



3RD REPORT of Level 1 printed in FULL format.

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SPL: State Priority List

LAST-UPDATE: October ,1992

KLEER KAST INC  
450 SCHUYLER AVE  
KEARNY NJ 07032

VISTA-NO: 558486

ALIAS:  
KLEERKAST INC  
450 SCHUYLER AVE  
KEARNY NJ

VERIFIED FACILITY INFORMATION:  
KEARNY  
07032

LEAD-AGENCY: STATE





Decide with Confidence

## Business Information Report

To save report(s) to your PC, [click here for instructions](#).

[Print this Report](#)

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ATTN: **LPRSA 9 Task 3**

Report Printed: NOV 29 2006  
**In Date**

### Business Summary

#### P M C INC

(SUBSIDIARY OF PMC GLOBAL, INC, SUN VALLEY, CA)  
PLASTIC SERVICES & PRODUCTS  
GENERAL PLASTICS  
VCF FILMS  
**12243 Branford St**  
**Sun Valley, CA 91352**

#### Now Included with this Report

**NEW!**

##### D&B's Credit Limit Recommendation

D&B's industry and risk-based limit guidance

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##### Payment Trends Profile

Payment trends and industry benchmarks

[Learn More](#)

[View Now](#)

This is a **headquarters (subsidiary)** location.  
Branch(es) or division(s) exist.

**D-U-N-S Number:**

07-619-1519

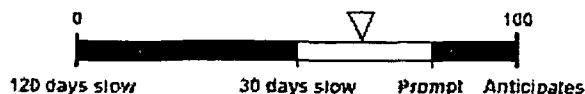
**D&B Rating:**

--

**D&B PAYDEX®:**

**12-Month D&B PAYDEX: 66**

When weighted by dollar amount, payments to suppliers average 19 days beyond terms.



Based on trade collected over last 12 months.

**NEW!** [Enhanced payment trends and industry benchmarks are available on this business](#)

**Mailing address:** PO Box 1367  
Sun Valley, CA 91353

**Web site:** [www.cosrich.com](http://www.cosrich.com)

**Telephone:** 818 896-1101

**Fax:** 818 897-7590

**Chief executive:** PHILIP E KAMINS,  
PRES+

**Year started:** 1971

**Employs:** 3,000 (45 here)

**Net worth F:** \$109,844,000

**History:** CLEAR

**Financing:** SECURED

**SIC:** 3086  
3674  
2865  
2816  
3296  
2819

**Line of business:** Mfg plastic foam  
prdts, mfg  
semiconductors/dvcs,  
mfg cyclic crudes/  
intrmd, mfg inorganic  
pigments, mfg mineral  
wool

## Summary Analysis

### D&B Rating:--

The blank rating symbol should not be interpreted as indicating that credit should be denied. It simply means that the information available to D&B does not permit us to classify the company within our rating key and that further enquiry should be made before reaching a decision. Some reasons for using a "--" symbol include: deficit net worth, bankruptcy proceedings, insufficient payment information, or incomplete history information. In this case, no Rating was assigned because the parent company is rated "--". It is D&B's policy not to rate a subsidiary higher than its parent. Therefore, this company is also rated "--". For more information, see the D&B Rating Key.

Below is an overview of the company's rating history since 01/01/91:

D&B Rating	Date Applied
--	01/20/03
1R3	09/30/02
--	03/09/01
1R3	01/12/01
1R4	12/12/00
5A3	06/19/99
5A2	06/20/98
5A3	08/06/92
4A3	01/01/91

The Summary Analysis section reflects information in D&B's file as of November 27, 2006.

**NEW!** How does P M C INC's payment record compare to its industry?

A Payment Trends Profile will show you - [View Now](#)

## Customer Service

If you have questions about this report, please call our Customer Resource Center at 1.800.234.3867 from anywhere within the U.S. If you are outside the U.S. contact your local D&B office.

\*\*\* Additional Decision Support Available \*\*\*

Additional D&B products, monitoring services and specialized investigations are available to help you evaluate this company or its industry. Call Dun & Bradstreet's Customer Resource Center at 1.800.234.3867 from anywhere within the U.S. or visit our website at [www.dnb.com](http://www.dnb.com).



**History**

The following information was reported **08/11/2006**:

**Officer(s):** PHILIP E KAMINS, PRES+  
LORI M JOHNSON, V PRES-TREAS-SEC+  
GARY KAMINS, V PRES  
T C CHEONG, CFO+  
PETER GAMBOA, ASST TREAS

**DIRECTOR(S):** The officers identified by (+)

Incorporated on August 11, 1993 in the State of Delaware.

Business started Apr 1971 by Philip E Kamins. 100% of capital stock is owned by th parent.

PHILIP E KAMINS born 1936. 1957-1962 employed by H Muehlstein, Los Angeles, CA, as salesman. In 1963 entered into partnership with Dan Eisenberg to buy and sell flex vinyl film scrap to the garden hose industry and molding and extrusion compounds to the general industry. The partnership was dissolved in 1965 with all bills paid. 1965-1971 employed by Kamco Plastics, Inc, Sun Valley, CA.

LORI M JOHNSON born 1954. 1974-1979 office manager, Weber Lipshie, Century City, CA. Active here since 1979.

GARY KAMINS born 1962. Active here since 1980; vice president since 1992.

T C CHEONG born 1956. Graduated from Leicester Polytechnic in 1978. 1979-1980 employed by Peat Marwick, Leicester, England as an accountant. 1981-1983 employed by Alpha Plastics, Sun Valley, CA as operations manager. 1983 to present employed by P M C Inc.

PETER GAMBOA born 1940. 1964-1966 employed by Tulio, Evangelista & Banaria, Manila, Phillipines as an accountant. 1966-1972 employed by U S Government, Hilo, HI as supervisory accountant. 1973 to present employed by P M C Inc.

**Corporate Family**

Click below to buy a Business Information Report on that family member.

For an expanded, more current corporate family view, use D&B's Global Family Linkage product.

Buy Selected Report(s)

**Parent:**

☐ Pmc Global, Inc Sun Valley, CA DUNS # 00-531-8584

**Subsidiaries (US):**

<input type="checkbox"/> ASC Group Inc	Sun Valley, CA	DUNS # <u>03-205-2503</u>
<input type="checkbox"/> Bronson Fine Arts	Beverly Hills, CA	DUNS # <u>04-522-5497</u>
<input type="checkbox"/> Cosrich Group, Inc.	Bloomfield, NJ	DUNS # <u>04-366-9642</u>
<input type="checkbox"/> General Plastics Corporation	Bloomfield, NJ	DUNS # <u>05-011-9887</u>
<input type="checkbox"/> General Plastics Group	Bloomfield, NJ	DUNS # <u>00-927-0468</u>

<input type="checkbox"/> Gusmer Machinery Group, Inc.	Lakewood, NJ	DUNS # <u>94-278-5064</u>
<input type="checkbox"/> Plastics Color Corporation	Dayville, CT	DUNS # <u>17-959-3769</u>
<input type="checkbox"/> PMC Specialties Group, Inc	Cincinnati, OH	DUNS # <u>94-278-6666</u>
<input type="checkbox"/> PSC Industries Inc	Louisville, KY	DUNS # <u>00-192-0636</u>
<input type="checkbox"/> VCF Films, Inc.	Howell, MI	DUNS # <u>80-833-5400</u>

**Subsidiaries (International):**

<input type="checkbox"/> NORCHIM	ST LEU D ESSERENT, FRANCE	DUNS # <u>38-041-9671</u>
----------------------------------	---------------------------	---------------------------

**Branches (US):**

<input type="checkbox"/> P M C Inc	Dayville, CT	DUNS # <u>05-045-3141</u>
<input type="checkbox"/> P M C Inc	Buford, GA	DUNS # <u>02-373-8516</u>
<input type="checkbox"/> P M C Inc	Port Huron, MI	DUNS # <u>01-484-6872</u>
<input type="checkbox"/> P M C Inc	Bloomfield, NJ	DUNS # <u>18-535-3190</u>
<input type="checkbox"/> P M C Inc	Bloomfield, NJ	DUNS # <u>94-287-8968</u>
<input type="checkbox"/> P M C Inc	Bloomfield, NJ	DUNS # <u>79-477-6740</u>
<input type="checkbox"/> P M C Inc	Carlstadt, NJ	DUNS # <u>04-926-2363</u>
<input type="checkbox"/> P M C Inc	East Rutherford, NJ	DUNS # <u>08-189-9007</u>
<input type="checkbox"/> P M C Inc	Fords, NJ	DUNS # <u>60-973-3860</u>
<input type="checkbox"/> P M C Inc	Kearny, NJ	DUNS # <u>18-469-1491</u>
<input type="checkbox"/> P M C Inc	Asheboro, NC	DUNS # <u>14-419-2507</u>
<input type="checkbox"/> P M C Inc	Cincinnati, OH	DUNS # <u>94-287-8893</u>
<input type="checkbox"/> P M C Inc	Philadelphia, PA	DUNS # <u>83-879-3891</u>
<input type="checkbox"/> P M C Inc	Philadelphia, PA	DUNS # <u>03-675-3861</u>
<input type="checkbox"/> P M C Inc	Philadelphia, PA	DUNS # <u>03-675-3820</u>
<input type="checkbox"/> P M C Inc	Kent, WA	DUNS # <u>17-335-1784</u>

**Affiliates (US):***(Affiliated companies share the same parent company as this business.)*

<input type="checkbox"/> Komo Machine, Inc.	Sauk Rapids, MN	DUNS # <u>04-178-8985</u>
---	-----------------	---------------------------

**Affiliates (International):***(Affiliated companies share the same parent company as this business.)*

<input type="checkbox"/> PMC Science-Tech Industries (Nanjing) Co., Ltd.	NANJING, CHINA	DUNS # <u>54-527-6599</u>
--	----------------	---------------------------

Buy Selected Report(s)

**Operations**

08/11/2006

**Description:** Subsidiary of Pmc Global, Inc, Sun Valley, CA started 1998 which operates as manufacture, sale and distribution of chemicals. Parent company owns 100% of capital stock. Parent company has multiple other subsidiary(ies).

As noted, this company is a subsidiary of Pmc Global, Inc, DUNS number 005318584, and reference is made to that report for background information on the parent company and its management. No financial statement reported on the parent company.

Manufactures foamed plastic products. Manufactures semiconductors or related devices. Manufactures cyclic crudes and intermediates, specializing in synthetic food colors or dyes. Manufactures inorganic pigments, specializing in color pigments. Manufactures mineral wool, specializing in fiberglass insulation. Manufactures industrial inorganic chemicals.

Has 8,000 account(s). Terms are net 30 days, 60 days. Sells to other manufacturers mostly. Territory : Worldwide.

Nonseasonal.

**Employees:** 3,000 which includes officer(s). 45 employed here.

**Facilities:** Owns 45,000 sq. ft. in 2 story a building Most properties are owned by the company. Over 5,000,000 square feet of building space for manufacturing is owned.

**Location:** Industrial section on well traveled street.

**Branches:** This business has multiple branches, detailed branch/division information is available in Dun & Bradstreet's linkage or family tree products.

**Subsidiaries:** At December 31 2002 the company had multiple subsidiaires. Detailed information is available in Dun & Bradstreets linkage or family tree products.

## SIC & NAICS

### SIC:

Based on information in our file, D&B has assigned this company an extended 8-digit SIC. D&B's use of 8-digit SICs enables us to be more specific to a company's operations than if we use the standard 4-digit code.

The 4-digit SIC numbers link to the description on the Occupational Safety & Health Administration (OSHA) Web site. Links open in a new browser window.

30860000 Plastics foam products  
36740000 Semiconductors and related devices  
28650112 Food dyes or colors, synthetic  
28160200 Color pigments  
32960101 Fiberglass insulation  
28190000 Industrial inorganic chemicals, nec

### NAICS:

326150 Urethane and Other Foam Product (except Polystyrene) Manufacturing  
334413 Semiconductor and Related Device Manufacturing  
325132 Organic Dye and Pigment Manufacturing  
325131 Inorganic Dye and Pigment Manufacturing  
327993 Mineral Wool Manufacturing  
325188 All Other Basic Inorganic Chemical Manufacturing

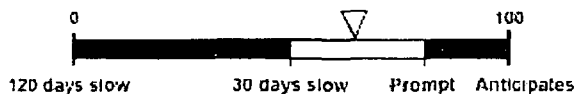
## D&B PAYDEX

**NEW!** Enhanced payment trends and industry benchmarks are available on this business

The D&B PAYDEX is a unique, dollar weighted indicator of payment performance based on up to 194 payment experiences as reported to D&B by trade references.

**3-Month D&B PAYDEX: 67**

When weighted by dollar amount, payments to suppliers average 18 days beyond terms.



Based on trade collected over last 3 months.

**12-Month D&B PAYDEX: 66**

When weighted by dollar amount, payments to suppliers average 19 days beyond terms.



Based on trade collected over last 12 months.

When dollar amounts are not considered, then approximately 65% of the company's payments are within terms.

### Payment Summary

The Payment Summary section reflects payment information in D&B's file as of the date of this report.

Below is an overview of the company's dollar-weighted payments, segmented by its suppliers' primary industries:

	Total Rcv'd (#)	Total Dollar Amts (\$)	Largest High Credit (\$)	Within Terms (%)	Days Slow <31 31-60 61-90 90> (%)			
<b>Top industries:</b>								
Trucking non-local	25	142,050	55,000	17	71	11	-	1
Nonclassified	14	46,600	15,000	49	13	38	-	-
Whol industrial suppl	8	55,000	45,000	10	88	2	-	-
Mfg plastics/resins	4	261,000	200,000	49	43	8	-	-
Mfg organic chemicals	4	157,600	100,000	21	79	-	-	-
Truck rental/leasing	3	252,750	250,000	50	50	-	-	-
Electrical contractor	2	2,005,000	2,000,000	-	100	-	-	-
Mfg pesticides	2	600,000	400,000	50	17	-	-	33
Mfg inorganic chemcls	2	105,000	80,000	12	76	12	-	-
Paper mill	1	35,000	35,000	50	50	-	-	-
OTHER INDUSTRIES	114	236,850	15,000	66	23	6	3	2
<b>Other payment categories:</b>								
Cash experiences	4	10,000	7,500					
Payment record unknown	10	108,750	70,000					
Unfavorable comments	1	250	250					
<b>Placed for collections:</b>								
With D&B	0	0						
Other	0	N/A						
Total in D&B's file	194	4,015,850	2,000,000					

The highest **Now Owes** on file is \$400,000

The highest **Past Due** on file is \$300,000

Dun & Bradstreet has 194 payment experiences in its file for this company. For your convenience, we have displayed 80 representative experiences in the PAYMENTS section.

**NEW!** How does P M C INC's payment record compare to its industry?

A Payment Trends Profile will show you - [View Now](#)

## Payment Details

### Detailed Payment History

Date Reported (mm/yy)	Paying Record	High Credit (\$)	Now Owes (\$)	Past Due (\$)	Selling Terms	Last Sale Within (months)
11/06	Ppt	5,000	0	0		6-12 mos
	Ppt	2,500	0	0	N30	1 mo
	Ppt	750	0			6-12 mos
	Ppt	100	100	0	N15	1 mo
	Ppt-Slow 30	250,000	200,000	60,000		1 mo
	Ppt-Slow 30	2,500	2,500	1,000		1 mo
	Ppt-Slow 30	500	250	250	N30	2-3 mos
	Ppt-Slow 30	250	100	0		1 mo
	Ppt-Slow 60	5,000	5,000	2,500	PROX	1 mo
	Ppt-Slow 60	500	250			
	Ppt-Slow 90	5,000	0	0		4-5 mos
	Ppt-Slow 90	500	50	50		6-12 mos
	Slow 30-60	5,000	5,000	2,500	N15	1 mo
	Ppt		250	0		1 mo
	Ppt		100	0		1 mo
10/06	Ppt		500	0		1 mo
	Ppt	15,000	10,000	0	N60	1 mo
	Ppt	7,500	100	100		6-12 mos
	Ppt	7,500	2,500	0		1 mo
	Ppt	5,000	5,000	0		1 mo
	Ppt	2,500	750	0	N60	1 mo
	Ppt	2,500	1,000	0		1 mo
	Ppt	2,500	0	0	1 10 N301	mo
	Ppt	2,500	1,000	0	Regular terms	1 mo
	Ppt	2,500	0	0		4-5 mos
	Ppt	1,000	0	0		4-5 mos
	Ppt	1,000	750	0		1 mo
	Ppt	1,000	250	0	N30	1 mo
	Ppt	1,000	1,000	0		1 mo
	Ppt	500	500	0		1 mo
	Ppt	250	0	0		1 mo
	Ppt	250	0	0		1 mo

Ppt	250	0	0		1 mo
Ppt	100	0	0		4-5 mos
Ppt	100	0	0		6-12 mos
Ppt	100	0	0		4-5 mos
Ppt	100	100	0	N30	1 mo
Ppt	50	0	0		2-3 mos
Ppt	0	0	0	N30	1 mo
Ppt-Slow 15	20,000	10,000	2,500		1 mo
Ppt-Slow 30		500	0		1 mo
Ppt-Slow 30	2,500	2,500	750		1 mo
Ppt-Slow 30	1,000	500	250		1 mo
Ppt-Slow 30	1,000	0	0		1 mo
Ppt-Slow 30	1,000	500	0		1 mo
Ppt-Slow 30	750	500	100		1 mo
Ppt-Slow 30	750	500	0		1 mo
Ppt-Slow 30	100	0	0		2-3 mos
Ppt-Slow 30	100	0	0		6-12 mos
Ppt-Slow 30	50	50	0		1 mo
Ppt-Slow 45	10,000	5,000	1,000		1 mo
Ppt-Slow 60	25,000	15,000	7,500	N30	1 mo
Ppt-Slow 60	15,000	0	0		6-12 mos
Ppt-Slow 60	10,000	0	0		1 mo
Ppt-Slow 60	2,500	1,000	1,000		1 mo
Ppt-Slow 60	500	0	0		4-5 mos
Slow 10	80,000	65,000	2,500		1 mo
Slow 10	5,000	2,500	2,500		2-3 mos
Slow 10	500	0	0	N30	1 mo
Slow 25	25,000	20,000	7,500	N30	
Slow 25	2,500	750	0	N30	1 mo
Slow 25	500	0	0	N30	6-12 mos
Slow 30	100,000	0	0		4-5 mos
Slow 30	5,000	2,500	1,000	N30	1 mo
Slow 30	1,000	0	0		2-3 mos
Slow 30	750	0	0		2-3 mos
Slow 5-30	750	250	100	N15	1 mo
Slow 30	500	0	0		6-12 mos
Slow 30	100	0	0		6-12 mos
Slow 30	100	0	0	N30	6-12 mos
Slow 30	50	50	50		1 mo
Slow 30-60	10,000	0	0	N30	2-3 mos
Slow 30-60	2,500	0	0		6-12 mos
Slow 60	1,000	500	500		4-5 mos
Slow 30-90	2,500	2,500	2,500		1 mo
Slow 90	500	500	500		
Slow 90	250	250	250		

	(078)	0	0	0	Cash account	6-12 mos
09/06	Ppt	10,000	10,000	0		1 mo
	Ppt	7,500	5,000	0	Lease Agreemnt	1 mo

Payment experiences reflect how bills are met in relation to the terms granted. In some instances payment beyond terms can be the result of disputes over merchandise, skipped invoices etc.

Each experience shown is from a separate supplier. Updated trade experiences replace those previously reported.



### How does P M C INC's payment record compare to its industry?

A Payment Trends Profile will show you - [View Now](#)

## Finance

08/11/2006

### Three-year statement comparative:

	Fiscal Consolidated Dec 31 2000	Fiscal Consolidated Dec 31 2001	Fiscal Consolidated Dec 31 2002
Current Assets	221,472,000	176,687,000	141,644,000
Current Liabs	186,861,000	184,053,000	116,660,000
Current Ratio	1.19	0.96	1.21
Working Capital	34,611,000	(7,366,000)	24,984,000
Other Assets	225,891,000	191,471,000	131,701,000
Net Worth	114,336,000	131,503,000	109,844,000
Long Term Liab	104,093,000	52,602,000	46,841,000

Submitted DEC 15 2003 by T C Cheong, CFO. Accountant: KPMG LLP.

### ACCOUNTANT'S OPINION

A review of the accountant's opinion indicates the financial statements meet generally accepted accounting principles and that the audit contains no qualifications.

### ----- STATEMENT ITEM EXPLANATIONS -----

The statement includes no deferred credits.

### Contingencies

None.

Non-current assets consist of net fixed assets.

Long term liabilities consist of notes payable deferred.

### CURRENT ASSETS

Consist of cash, accounts receivable and inventory.

### CURRENT LIABILITIES

Consist of accounts payable, notes payable and accruals.

**LIQUIDITY**

Liquid assets provide adequate coverage of current liabilities.

As of August 11, 2006, attempts to contact the management of this business have been unsuccessful. Outside sources confirmed the location.

**Key Business Ratios**

**Statement date:** DEC 31 2002  
**Based on this number of establishments:** 69

<b>Firm</b>		<b>Industry Median</b>	
Return of Sales:	UN	Return of Sales:	2.4
Current Ratio:	1.2	Current Ratio:	1.6
Assets / Sales:	UN	Assets / Sales:	42.0
Total Liability / Net Worth:	UN	Total Liability / Net Worth:	126.8

UN = Unavailable

**Banking**

Congress Financial Corp, New york, NY

**Public Filings**

The following Public Filing data is for information purposes only and is not the official record. Certified copies can only be obtained from the official source.

**Suits**

**Suit amount:** \$3,930  
**Status:** Dismissed  
**CASE NO.:** 03S01308  
**Plaintiff:** CUNHA DRAYING INC.  
**Defendant:** PLASTIC SERVICES AND PRODUCTS, INC. C/O CORPORATION SERVICE CO. 2730 GATEWAY OAKS DR.#100,SACRAMENTO  
**Where filed:** LOS ANGELES COUNTY SMALL CLAIMS/SAN FERNANDO, SAN FERNANDO, CA  
**Date status attained:** 06/18/2003  
**Date filed:** 05/07/2003  
**Latest Info Received:** 07/28/2003

**Suit amount:** \$73,585  
**Status:** Settled  
**DOCKET NO.:** 01 12056  
**Plaintiff:** REBUS, INC.  
**Defendant:** PMC, INC. AND OTHERS  
**Cause:** COMPLAINT - CIVIL ACTION  
**Where filed:** DELAWARE COUNTY JUDICIAL SUPPORT, MEDIA, PA  
**Date status attained:** 03/23/2002  
**Date filed:** 01/16/2002  
**Latest Info Received:** 05/29/2002



**Status:** Settled  
**DOCKET NO.:** L 000791 00  
**Plaintiff:** JANICE BURT  
**Defendant:** PMC CORPORATION, FORDS, NJ  
**Cause:** TORT - TOXIC  
**Where filed:** MIDDLESEX COUNTY SUPERIOR COURT, NEW BRUNSWICK, NJ  
  
**Date status attained:** 03/07/2001  
**Date filed:** 01/27/2000  
**Latest Info Received:** 05/30/2006

If it is indicated that there are defendants other than the report subject, the lawsuit may be an action to clear title to property and does not necessarily imply a claim for money against the subject.

## Liens

A lienholder can file the same lien in more than one filing location. The appearance of multiple liens filed by the same lienholder against a debtor may be indicative of such an occurrence.

**Amount:** \$3,635  
**Status:** Open  
**CASE NO.:** 543L01  
**Type:** State Tax  
**Filed by:** COMMONWEALTH OF PENNSYLVANIA  
**Against:** PMC INC  
**Where filed:** LUZERNE COUNTY PROTHONOTARY, WILKES BARRE, PA  
  
**Date status attained:** 03/09/2001  
**Date filed:** 03/09/2001  
**Latest Info Received:** 04/10/2001

## UCC Filings

**Collateral:** All Assets including proceeds and products - All Inventory including proceeds and products - All Account(s) including proceeds and products - All Machinery including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PLASTICS COLOR CORPORATION OF NORTH CAROLINA, ASHEBORO, NC  
**Filing number:** 2219789 9  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, DOVER, DE  
  
**Date filed:** 08/30/2002  
**Latest Info Received:** 10/01/2002

---

**Collateral:** All Assets including proceeds and products - All Inventory including proceeds and products - All Account(s) including proceeds and products - All Vehicles including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC.  
**Filing number:** 2015882 8  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, DOVER, DE  
  
**Date filed:** 01/18/2002  
**Latest Info Received:** 02/20/2002

---

**Collateral:** All Assets including proceeds and products - All Inventory including proceeds and products - All Account(s) including proceeds and products - All Equipment including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC.  
**Filing number:** 1124248 1  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, DOVER, DE  
**Date filed:** 10/16/2001  
**Latest Info Received:** 11/20/2001

---

**Type:** Amendment  
**Sec. party:** CONGRESS FINANCIAL CORPORATION  
**Debtor:** PMC, INC.  
**Filing number:** 2055768 0  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, DOVER, DE  
**Date filed:** 03/04/2002  
**Latest Info Received:** 04/15/2002  
**Original UCC filed date:** 10/16/2001  
**Original filing no.:** 1124248 1

---

**Collateral:** All Assets including proceeds and products - All Inventory including proceeds and products - All Account(s) including proceeds and products - All Equipment including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, (NEW ENGLAND), NEW YORK, NY  
**Debtor:** PMC, INC.  
**Filing number:** 1094710 6  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, DOVER, DE  
**Date filed:** 08/31/2001  
**Latest Info Received:** 09/21/2001

---

**Collateral:** All Assets including proceeds and products - All Inventory including proceeds and products - All Account(s) including proceeds and products - All Equipment including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC.  
**Filing number:** 1067123 5  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, DOVER, DE  
**Date filed:** 07/16/2001  
**Latest Info Received:** 08/07/2001

---

**Collateral:** All Assets including proceeds and products - All Inventory including proceeds and products - All Accounts receivable including proceeds and products - All Account(s) including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC SPECIALTIES GROUP INC, NEWARK, NJ  
**Filing number:** 1573753  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 06/01/1994  
**Latest Info Received:** 09/27/1994

---

**Collateral:** Negotiable instruments including proceeds and products - Inventory including proceeds and products - Building materials including proceeds and products - Fixtures including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** GENERAL ELECTRIC CAPITAL BUSINESS ASSET FUNDING CORPORATION, BELLEVUE, WA  
**Debtor:** PMC, INC.  
**Filing number:** 4165138 1  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, DOVER, DE  
**Date filed:** 06/15/2004  
**Latest Info Received:** 07/20/2004

**Collateral:** Negotiable instruments including proceeds and products - Inventory including proceeds and products - Building materials including proceeds and products - Fixtures including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** METLIFE CAPITAL FINANCIAL CORPORATION, BELLEVUE, WA  
**Debtor:** PMC, INC.  
**Filing number:** 950060022  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, OLYMPIA, WA  
**Date filed:** 01/06/1995  
**Latest Info Received:** 02/03/1995

**Type:** Termination  
**Sec. party:** METLIFE CAPITAL FINANCIAL CORP, BELLEVUE, WA  
**Debtor:** P M C, INC and OTHERS  
**Filing number:** 200418115802  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, OLYMPIA, WA

**Date filed:** 06/29/2004  
**Latest Info Received:** 07/17/2004  
**Original UCC filed date:** 01/06/1995  
**Original filing no.:** 950060022

**Collateral:** Negotiable instruments including proceeds and products - All Inventory including proceeds and products - All Accounts receivable including proceeds and products - All Account(s) including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** GENERAL FOAM DIVISION OF PMC, INC., EAST RUTHERFORD, NJ  
**Filing number:** 1604589  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 11/22/1994  
**Latest Info Received:** 01/27/1995

**Type:** Amendment  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** GENERAL FOAM DIVISION OF PMC, INC., EAST RUTHERFORD, NJ  
**Filing number:** 1604589  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 07/27/2001  
**Latest Info Received:** 08/30/2001  
**Original UCC filed date:** 11/22/1994  
**Original filing no.:** 1604589

**Type:** Continuation

**Sec. party:** CONGRESS FINANCIAL CORP, NEW YORK, NY  
**Debtor:** PMC FABRICATING, BERWICK, PA and OTHERS  
**Filing number:** 31640038  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, HARRISBURG, PA

**Date filed:** 05/17/2000  
**Latest Info Received:** 05/25/2000  
**Original UCC filed date:** 10/17/1995  
**Original filing no.:** 24770476

---

**Collateral:** Negotiable instruments - Inventory - Account(s) - Assets - and OTHERS  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORP, NEW YORK, NY  
**Debtor:** PMC FABRICATING, BERWICK, PA and OTHERS  
**Filing number:** 33020140  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, HARRISBURG, PA

**Date filed:** 08/31/2000  
**Latest Info Received:** 10/30/2000  
**Original UCC filed date:** 10/17/1995  
**Original filing no.:** 24770476

There are additional UCC's in D&B's file on this company available by contacting 1-800-234-3867.

The public record items contained in this report may have been paid, terminated, vacated or released prior to the date this report was printed.

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# New Jersey State Business Gateway Service

## Corporate and Business Information Reporting

### Business Entity Status Report

**Printing Instructions:** Open your Browser's Page Setup menu and set your page margins to 0.25". Use your Browser's Print option to print the report as seen on screen.

**Saving Instructions:** Save this file to your hard drive for later viewing by using the Browser's "Save As" function.

All available information is displayed.

#### Status Report For: KLEER KAST, INC. (FORMERLY K & M PLASTICS CORP.)

**Business Name:** KLEER KAST, INC.  
(FORMERLY K & M PLASTICS  
CORP.)

**Report Date:** 11/29/2006

**Business ID Number:** 5244665500

**Transaction Number: Sequence:** 1010068: 1

**Business Type:** FOREIGN PROFIT CORPORATION

**Status:** REVOKED FOR FAILURE TO PAY TAXES

**Filing Date:** 09/10/1971

**Home Jurisdiction:** DE

**Status Change Date:**

**Stock Amount:** 0

**DOR Suspension Start Date:**

**DOR Suspension End Date:**

**Tax Suspension Start Date:** 10/30/1985

**Tax Suspension End Date:**

**Annual Report Month:** 9

**Last Annual Report Filed:** 07/17/1985

**For Last Annual Report Paid Year:** 1985

**Incorporator:**

**Agent:** CORPORATION TRUST COMPANY

**Agent Address:** 820 BEAR TAVERN ROAD

WEST TRENTON, NJ 08628 - 0000

**Office Address Status:** Deliverable

**Main Business Address:**

**Principal Business Address:**

#### Associated Names

**Name:** AMERICAN POLYMERS, INC.

**Type Description:** Fictitious Name

**Name:** AMPOL DIVISION

**Type Description:** Fictitious Name

Officers/Directors/Members: Not Available

[Exit](#)

[Return to Main List](#)

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**\*\*If you would like to receive photocopies of documents filed by this business entity, mail your request to PO Box 450, Trenton, NJ 08625. Indicate the Business Entity Number(s) involved and the type of document you wish to have copies of. Your choices are listed below:**

**CHARTER DOCUMENTS**

- Original Certificate Only (For example, Certificate of Incorporation);
  - Changes and Amendments to the Original Certificate Only; **OR**
  - All Charter Documents (Original Certificate and Changes/Amendments)
- And/or

**ANNUAL REPORTS**

- Copy of Latest Annual Report; **OR**
- Copy of Annual Report for a Specific Year(s) (List the Year Desired)

The photocopy fee for all entities except limited liability companies is \$1 per page. For limited liability companies, the fee is \$10 for the first page and \$2 per page thereafter.

The total fee amount for your order will vary depending on the number of pages associated with each filed document you request. You may supply us with a check with a NOT TO EXCEED instruction to cover the costs. Make the check payable to the Treasurer, State of New Jersey. Alternately, you may pay by credit card (provide card#/expiration date and cardholder information) or depository account. Please include a self-addressed envelope with your order. If you have any questions or would like information on alternative service options such as over-the-counter expedited service, call 609-292-9292 (option 3 on the main menu and then option 8), weekdays, 8:30 a.m. to 4:30 p.m.

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## Business Information Report

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ATTN: **LPRSA 9 Task 3**Report Printed: NOV 29 2006  
**In Date****Business Summary**

**P M C INC**  
KING FINISHING  
450 Schuyler Ave  
Kearny, NJ 07032

This is a branch location. Due to limited data availability on the branch location, in addition to providing branch information, **D&B Paydex®**, payment summary and payment details are provided for the headquarters.

**Web site:** www.cosrich.com  
**Telephone:** 201 997-1880  
**Branch manager:** JIM KUNKEL, MANAGER  
**Employs:** 1 here  
**SIC:** 2821  
**Line of business:** Mfg cellulose acetate film & sheets

**Now Included with this Report****NEW!****D&B's Credit Limit Recommendation**

D&amp;B's industry and risk-based limit guidance

[Learn More](#)[View Now](#)**Payment Trends Profile**

Payment trends and industry benchmarks for the headquarters

[Learn More](#)[View Now](#)**D-U-N-S Number:** 18-469-1491**D&B Rating:** BRANCH

**D&B PAYDEX®:** for headquarters:

**P M C INC**  
**SUN VALLEY, CA DUNS # 07-619-1519**

**12-Month D&B PAYDEX(HQ): 66**

When weighted by dollar amount, payments to suppliers average 19 days beyond terms.



Based on trade collected over last 12 months.

**NEW!** [Enhanced payment trends and industry benchmarks are available on the headquarters.](#)

**Summary Analysis****D&B Rating:**

The term "BRANCH" in the Rating field indicates that this company is a branch location. D&B Ratings do not appear on branch reports. For more information, see the D&B Rating Key.

**NEW****How does P M C INC's payment record compare to its industry?**

A Payment Trends Profile will show you - [View Now](#)

**Customer Service**

If you have questions about this report, please call our Customer Resource Center at 1.800.234.3867 from anywhere within the U.S. If you are outside the U.S. contact your local D&B office.

\*\*\* Additional Decision Support Available \*\*\*

Additional D&B products, monitoring services and specialized investigations are available to help you evaluate this company or its industry. Call Dun & Bradstreet's Customer Resource Center at 1.800.234.3867 from anywhere within the U.S. or visit our website at [www.dnb.com](http://www.dnb.com).

**History**

The following information was reported **08/08/2004**:

**Corporate Family**

Click below to buy a Business Information Report on that family member.  
For an expanded, more current corporate family view, use D&B's Global Family Linkage product.

Buy Selected Report(s)

**Parent:**

☐ Pmc Global, Inc Sun Valley, CA DUNS # [00-531-8584](#)

**Headquarters:**

☐ P M C Inc Sun Valley, CA DUNS # [07-619-1519](#)

**Affiliates (US):** (Affiliated companies share the same parent company as this business.)

☐ Komo Machine, Inc. Sauk Rapids, MN DUNS # [04-178-8985](#)

**Affiliates (International):** (Affiliated companies share the same parent company as this business.)

☐ PMC Science-Tech Industries (Nanjing) Co., Ltd. NANJING, CHINA DUNS # [54-527-6599](#)

Buy Selected Report(s)

## Operations

08/08/2004

**Description:** This is a division: headquarters are located at 12243 BRANFORD ST, SUN VALLEY, CA. Headquarters D-U-N-S 07-619-1519. The manager has authority to make all purchases. Bills are paid generally from this division. This division manufactures cellulose acetate film sheets.

**Facilities:** Rents 100,000 sq. ft. in a one story brick building.

**Location:** Industrial section on well traveled street.

## SIC & NAICS

### SIC:

Based on information in our file, D&B has assigned this company an extended 8-digit SIC. D&B's use of 8-digit SICs enables us to be more specific to a company's operations than if we use the standard 4-digit code.

The 4-digit SIC numbers link to the description on the Occupational Safety & Health Administration (OSHA) Web site. Links open in a new browser window.

28210301 Cellulose acetate (plastics)

### NAICS:

325211 Plastics Material and Resin Manufacturing

## D&B PAYDEX

Due to limited data availability on the branch location, D&B Paydex is provided for the headquarters.

### Headquarters:

P M C INC

SUN VALLEY, CA

DUNS # 07-619-1519

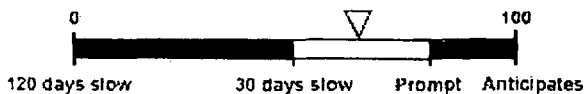
### D&B PAYDEX for Headquarters:

**NEW** Enhanced payment trends and industry benchmarks are available on the headquarters

The D&B PAYDEX is a unique, dollar weighted indicator of payment performance based on up to 194 payment experiences as reported to D&B by trade references.

### 3-Month D&B PAYDEX(HQ): 67

When weighted by dollar amount, payments to suppliers average 18 days beyond terms.



Based on trade collected over last 3 months.

### 12-Month D&B PAYDEX(HQ): 66

When weighted by dollar amount, payments to suppliers average 19 days beyond terms.



Based on trade collected over last 12 months.

When dollar amounts are not considered, then approximately 65% of the company's payments are within terms.

## Payment Summary

Due to limited data availability on the branch location, payment summary information is provided for both the branch and headquarters.

### Headquarters:

P M C INC

SUN VALLEY, CA

DUNS # 07-619-1519

The Payment Summary section reflects payment information in D&B's file as of the date of this report.

### Payment Summary for Branch Location:

Below is an overview of the company's dollar-weighted payments, segmented by its suppliers' primary industries:

	Total Rcv'd (#)	Total Dollar Amts (\$)	Largest High Credit (\$)	Within Terms (%)	Days Slow <31 31-60 61-90 90> (%)			
<b>Top industries:</b>								
Trucking non-local	1	750	750	50	50	-	-	-
Nonclassified	1	50	50	-	100	-	-	-
<b>Other payment categories:</b>								
Cash experiences	0	0	0					
Payment record unknown	0	0	0					
Unfavorable comments	0	0	0					
<b>Placed for collections:</b>								
With D&B	0	0						
Other	0	N/A						
Total in D&B's file	2	800	750					

The highest **Now Owes** on file is \$50

The highest **Past Due** on file is \$50

### Payment Summary for Headquarters:

Below is an overview of the headquarter's dollar-weighted payments, segmented by its suppliers' primary industries:

	Total Rcv'd (#)	Total Dollar Amts (\$)	Largest High Credit (\$)	Within Terms (%)	Days Slow <31 31-60 61-90 90> (%)			
<b>Top industries:</b>								
Trucking non-local	25	142,050	55,000	17	71	11	-	1
Nonclassified	14	46,600	15,000	49	13	38	-	-
Whol industrial suppl	8	55,000	45,000	10	88	2	-	-
Mfg plastics/resins	4	261,000	200,000	49	43	8	-	-
Mfg organic chemicals	4	157,600	100,000	21	79	-	-	-
Truck rental/leasing	3	252,750	250,000	50	50	-	-	-
Electrical contractor	2	2,005,000	2,000,000	-	100	-	-	-
Mfg pesticides	2	600,000	400,000	50	17	-	-	33
Mfg inorganic chemcls	2	105,000	80,000	12	76	12	-	-
Paper mill	1	35,000	35,000	50	50	-	-	-
OTHER INDUSTRIES	114	236,850	15,000	66	23	6	3	2
<b>Other payment categories:</b>								
Cash experiences	4	10,000	7,500					
Payment record unknown	10	108,750	70,000					
Unfavorable comments	1	250	250					
<b>Placed for collections:</b>								
With D&B	0	0						
Other	0	N/A						
Total in D&B's file	194	4,015,850	2,000,000					

The highest **Now Owes** on file is \$400,000

The highest **Past Due** on file is \$300,000

Dun & Bradstreet has 194 payment experiences in its file for this company. For your convenience, we have displayed 80 representative experiences in the PAYMENTS section.

#### **NEW** How does P M C INC's payment record compare to its industry?

A Payment Trends Profile will show you - [View Now](#)

### Payment Details

Due to limited data availability on the branch location, payment details are provided for both the branch and headquarters.

#### Headquarters:

P M C INC

SUN VALLEY, CA

DUNS # 07-619-1519

**Detailed Payment History for Branch Location:**

Date Reported (mm/yy)	Paying Record	High Credit (\$)	Now Owes (\$)	Past Due (\$)	Selling Terms	Last Sale Within (months)
10/06	Ppt-Slow 30	750	0	0	N15	6-12 mos
	Slow 30	50	50	50		1 mo

Payment experiences reflect how bills are met in relation to the terms granted. In some instances payment beyond terms can be the result of disputes over merchandise, skipped invoices etc.

Each experience shown is from a separate supplier. Updated trade experiences replace those previously reported.

**Detailed Payment History for Headquarters:**

Date Reported (mm/yy)	Paying Record	High Credit (\$)	Now Owes (\$)	Past Due (\$)	Selling Terms	Last Sale Within (months)
11/06	Ppt	5,000	0	0		6-12 mos
	Ppt	2,500	0	0	N30	1 mo
	Ppt	750	0			6-12 mos
	Ppt	100	100	0	N15	1 mo
	Ppt-Slow 30	250,000	200,000	60,000		1 mo
	Ppt-Slow 30	2,500	2,500	1,000		1 mo
	Ppt-Slow 30	500	250	250	N30	2-3 mos
	Ppt-Slow 30	250	100	0		1 mo
	Ppt-Slow 60	5,000	5,000	2,500	PROX	1 mo
	Ppt-Slow 60	500	250			
	Ppt-Slow 90	5,000	0	0		4-5 mos
	Ppt-Slow 90	500	50	50		6-12 mos
	Slow 30-60	5,000	5,000	2,500	N15	1 mo
10/06	Ppt		250	0		1 mo
	Ppt		100	0		1 mo
	Ppt		500	0		1 mo
	Ppt	15,000	10,000	0	N60	1 mo
	Ppt	7,500	100	100		6-12 mos
	Ppt	7,500	2,500	0		1 mo
	Ppt	5,000	5,000	0		1 mo
	Ppt	2,500	750	0	N60	1 mo
	Ppt	2,500	1,000	0		1 mo
	Ppt	2,500	0	0	1 10 N301	mo
	Ppt	2,500	1,000	0	Regular terms	1 mo
	Ppt	2,500	0	0		4-5 mos
	Ppt	1,000	0	0		4-5 mos
	Ppt	1,000	750	0		1 mo
	Ppt	1,000	250	0	N30	1 mo

Ppt	1,000	1,000	0		1 mo
Ppt	500	500	0		1 mo
Ppt	250	0	0		1 mo
Ppt	250	0	0		1 mo
Ppt	250	0	0		1 mo
Ppt	100	0	0		4-5 mos
Ppt	100	0	0		6-12 mos
Ppt	100	0	0		4-5 mos
Ppt	100	100	0	N30	1 mo
Ppt	50	0	0		2-3 mos
Ppt	0	0	0	N30	1 mo
Ppt-Slow 15	20,000	10,000	2,500		1 mo
Ppt-Slow 30		500	0		1 mo
Ppt-Slow 30	2,500	2,500	750		1 mo
Ppt-Slow 30	1,000	500	250		1 mo
Ppt-Slow 30	1,000	0	0		1 mo
Ppt-Slow 30	1,000	500	0		1 mo
Ppt-Slow 30	750	500	100		1 mo
Ppt-Slow 30	750	500	0		1 mo
Ppt-Slow 30	100	0	0		2-3 mos
Ppt-Slow 30	100	0	0		6-12 mos
Ppt-Slow 30	50	50	0		1 mo
Ppt-Slow 45	10,000	5,000	1,000		1 mo
Ppt-Slow 60	25,000	15,000	7,500	N30	1 mo
Ppt-Slow 60	15,000	0	0		6-12 mos
Ppt-Slow 60	10,000	0	0		1 mo
Ppt-Slow 60	2,500	1,000	1,000		1 mo
Ppt-Slow 60	500	0	0		4-5 mos
Slow 10	80,000	65,000	2,500		1 mo
Slow 10	5,000	2,500	2,500		2-3 mos
Slow 10	500	0	0	N30	1 mo
Slow 25	25,000	20,000	7,500	N30	
Slow 25	2,500	750	0	N30	1 mo
Slow 25	500	0	0	N30	6-12 mos
Slow 30	100,000	0	0		4-5 mos
Slow 30	5,000	2,500	1,000	N30	1 mo
Slow 30	1,000	0	0		2-3 mos
Slow 30	750	0	0		2-3 mos
Slow 5-30	750	250	100	N15	1 mo
Slow 30	500	0	0		6-12 mos
Slow 30	100	0	0		6-12 mos
Slow 30	100	0	0	N30	6-12 mos
Slow 30	50	50	50		1 mo
Slow 30-60	10,000	0	0	N30	2-3 mos
Slow 30-60	2,500	0	0		6-12 mos

	Slow 60	1,000	500	500	4-5 mos
	Slow 30-90	2,500	2,500	2,500	1 mo
	Slow 90	500	500	500	
	Slow 90	250	250	250	
	(078)	0	0	0	Cash account 6-12 mos
09/06	Ppt	10,000	10,000	0	1 mo
	Ppt	7,500	5,000	0	Lease Agreeemnt 1 mo

Payment experiences reflect how bills are met in relation to the terms granted. In some instances payment beyond terms can be the result of disputes over merchandise, skipped invoices etc.

Each experience shown is from a separate supplier. Updated trade experiences replace those previously reported.

### **NEW!** How does P M C INC's payment record compare to its industry?

A Payment Trends Profile will show you - [View Now](#)

## **Banking & Finance**

D&B has researched this company and found no information available at this time.

## **Public Filings**

The following Public Filing data is for information purposes only and is not the official record. Certified copies can only be obtained from the official source.

## **UCC Filings**

**Collateral:** Specified Negotiable instruments and proceeds - Specified Industrial equipment/ machinery and proceeds - Specified Computer equipment and proceeds - Specified Machinery and proceeds - and OTHERS

**Type:** Original

**Sec. party:** P C LEASING A DIVISION OF PHOENIXCOR INC, SOUTH NORWALK, CT

**Debtor:** KLEER KAST INC

**Filing number:** 1493722

**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 01/26/1993

**Latest Info Received:** 03/02/1993

**Type:** Continuation

**Sec. party:** P.C. LEASING, A DIVISION OF, PHOENIXCOR, INC., SOUTH NORWALK, CT

**Debtor:** KLEER KAST, INC.

**Filing number:** 1493722

**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 08/14/1997

**Latest Info Received:** 09/16/1997

**Original UCC filed date:** 01/26/1993

**Original filing no.:** 1493722



**Collateral:** Inventory including proceeds and products - Accounts receivable including proceeds and products - Assets including proceeds and products - Account(s) including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** PMC, INC., SUN VALLEY, CA  
**Debtor:** KING FINISHING, INC.  
**Filing number:** 1884999  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 01/22/1999  
**Latest Info Received:** 03/04/1999

---

**Collateral:** Specified Inventory including proceeds and products - Specified Account(s) including proceeds and products - Specified Fixtures including proceeds and products - Specified Vehicles including proceeds and products - and OTHERS  
**Type:** Original  
**Sec. party:** CONGRESS FINANCIAL CORP, NEW YORK, NY  
**Debtor:** KLEER KAST OPTICAL A DIVISION OF PMC INC  
**Filing number:** 1467330  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 08/03/1992  
**Latest Info Received:** 09/11/1992

---

**Collateral:** Assets  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** KLEERKAST OPTICAL and OTHERS  
**Filing number:** 1467330  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 11/14/1996  
**Latest Info Received:** 01/14/1997  
**Original UCC filed date:** 08/03/1992  
**Original filing no.:** 1467330

---

**Collateral:** Assets - Equipment  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** KLEERKAST OPTICAL and OTHERS  
**Filing number:** 1467330  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 01/21/1997  
**Latest Info Received:** 04/01/1997  
**Original UCC filed date:** 08/03/1992  
**Original filing no.:** 1467330

---

**Collateral:** Assets - Equipment  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** KLEERKAST OPTICAL and OTHERS  
**Filing number:** 1467330  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 01/22/1997  
**Latest Info Received:** 04/01/1997  
**Original UCC filed date:** 08/03/1992  
**Original filing no.:** 1467330

---

**Collateral:** Assets - Equipment  
**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** KLEERKAST OPTICAL and OTHERS  
**Filing number:** 1467330  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 03/21/1997  
**Latest Info Received:** 06/11/1997  
**Original UCC filed date:** 08/03/1992  
**Original filing no.:** 1467330

---

**Collateral:** Specified Inventory including proceeds and products - Specified Account(s) including proceeds and products - Specified Fixtures including proceeds and products - Specified Vehicles including proceeds and products - and OTHERS  
**Type:** Amendment  
**Sec. party:** CONGRESS FINANCIAL CORP, NEW YORK, NY  
**Debtor:** KLEER KAST  
**Filing number:** 1078074  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 02/27/1991  
**Latest Info Received:** 04/01/1991  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078074

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORP, NY, NY  
**Debtor:** KLEER KAST A DIVISION OF PMC INC  
**Filing number:** 1078074  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 09/09/1991  
**Latest Info Received:** 10/29/1991  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078074

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** KLEER KAST, A DIVISION OF PMC, INC.  
**Filing number:** 1078074  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 08/21/1996  
**Latest Info Received:** 09/26/1996  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078074

---

**Collateral:** Assets  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** KLEERKAST and OTHERS  
**Filing number:** 1078074  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 11/14/1996  
**Latest Info Received:** 01/14/1997  
**Original UCC filed date:** 01/12/1987

---

**Original filing no.:** 1078074

**Collateral:** Assets - Equipment  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** KLEERKAST and OTHERS  
**Filing number:** 1078074  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 01/21/1997  
**Latest Info Received:** 04/01/1997  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078074

**Collateral:** Assets - Equipment  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** KLEERKAST and OTHERS  
**Filing number:** 1078074  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 01/22/1997  
**Latest Info Received:** 04/01/1997  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078074

**Collateral:** Specified Inventory including proceeds and products - Specified Account(s) including proceeds and products - Specified Fixtures including proceeds and products - Specified Computer equipment including proceeds and products - and OTHERS  
**Type:** Amendment  
**Sec. party:** CONGRESS FINANCIAL CORP, NEW YORK, NY  
**Debtor:** PMC INC  
**Filing number:** 1078042  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 02/27/1991  
**Latest Info Received:** 04/01/1991  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078042

**Type:** Termination  
**Sec. party:** CONGRESS FINANCIAL CORP, NY, NY  
**Debtor:** PMC INC  
**Filing number:** 1078042  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 09/09/1991  
**Latest Info Received:** 10/29/1991  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078042

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC.  
**Filing number:** 1078042  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ  
**Date filed:** 08/20/1996

**Latest Info Received:** 10/16/1996  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078042

---

**Collateral:** Assets  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS  
**Filing number:** 1078042  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 11/14/1996  
**Latest Info Received:** 01/14/1997  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078042

---

**Collateral:** Assets - Equipment  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS  
**Filing number:** 1078042  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 01/21/1997  
**Latest Info Received:** 04/01/1997  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078042

---

**Collateral:** Assets - Equipment  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC.  
**Filing number:** 1078042  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 01/22/1997  
**Latest Info Received:** 04/01/1997  
**Original UCC filed date:** 01/12/1987  
**Original filing no.:** 1078042

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS  
**Filing number:** 845275  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 12/16/1994  
**Latest Info Received:** 03/22/1995  
**Original UCC filed date:** 05/17/1985  
**Original filing no.:** 845275

---

**Collateral:** Assets  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS  
**Filing number:** 845275  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 11/14/1996  
**Latest Info Received:** 01/14/1997  
**Original UCC filed date:** 05/17/1985  
**Original filing no.:** 845275

---

**Collateral:** Assets - Equipment  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL COPORATION, NEW YORK, NY CONGRESS FINANCIAL COPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS  
**Filing number:** 845275  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

---

**Date filed:** 01/21/1997  
**Latest Info Received:** 04/01/1997  
**Original UCC filed date:** 05/17/1985  
**Original filing no.:** 845275

---

**Collateral:** Assets - Equipment  
**Type:** Partial release  
**Sec. party:** CONGRESS FINANCIAL COPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS  
**Filing number:** 845275  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

---

**Date filed:** 01/22/1997  
**Latest Info Received:** 04/01/1997  
**Original UCC filed date:** 05/17/1985  
**Original filing no.:** 845275

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS  
**Filing number:** 845275  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

---

**Date filed:** 12/16/1999  
**Latest Info Received:** 02/15/2000  
**Original UCC filed date:** 05/17/1985  
**Original filing no.:** 845275

---

**Collateral:** Specified Account(s) including proceeds and products - Specified Fixtures including proceeds and products - Specified Vehicles including proceeds and products - Specified Computer equipment including proceeds and products - and OTHERS

**Type:** Amendment  
**Sec. party:** CONGRESS FINANCIAL CORP, NEW YORK, NY  
**Debtor:** PMC INC  
**Filing number:** 856257  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

---

**Date filed:** 12/21/1989  
**Latest Info Received:** 03/30/1990  
**Original UCC filed date:** 07/08/1985  
**Original filing no.:** 856257

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS

---

**Filing number:** 856257  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 02/16/1995  
**Latest Info Received:** 05/25/1995  
**Original UCC filed date:** 07/08/1985  
**Original filing no.:** 856257

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. C/O AZ TRUCKING & WHSE. INC. and OTHERS  
**Filing number:** 856257  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 02/04/2000  
**Latest Info Received:** 03/13/2000  
**Original UCC filed date:** 07/08/1985  
**Original filing no.:** 856257

---

**Collateral:** All Equipment - All Machinery  
**Type:** Original  
**Sec. party:** FLEET CREDIT CORPORATION, PROVIDENCE, RI  
**Debtor:** PMC INC. and OTHERS  
**Filing number:** 1582989  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 07/18/1994  
**Latest Info Received:** 11/10/1994

---

**Type:** Termination  
**Sec. party:** FLEET CREDIT CORPORATION, PROVIDENCE, RI  
**Debtor:** PMC, INC.  
**Filing number:** 1582989  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 03/13/1998  
**Latest Info Received:** 04/13/1998  
**Original UCC filed date:** 07/18/1994  
**Original filing no.:** 1582989

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC INC D/B/A TECHNICAL PLASTIC EXTRUDERS  
**Filing number:** 742822  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 06/14/1993  
**Latest Info Received:** 07/07/1993  
**Original UCC filed date:** 10/18/1983  
**Original filing no.:** 742822

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS  
**Filing number:** 742822  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 05/29/1998  
**Latest Info Received:** 07/07/1998  
**Original UCC filed date:** 10/18/1983

**Original filing no.:** 742822

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORP, NEW YORK, NY  
**Debtor:** PMC INC DBA PMC SUPPLY  
**Filing number:** 1088953  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 11/12/1991  
**Latest Info Received:** 01/31/1992  
**Original UCC filed date:** 03/06/1987  
**Original filing no.:** 1088953

---

**Type:** Continuation  
**Sec. party:** CONGRESS FINANCIAL CORPORATION, NEW YORK, NY  
**Debtor:** PMC, INC. and OTHERS  
**Filing number:** 1088953  
**Filed with:** SECRETARY OF STATE/UCC DIVISION, TRENTON, NJ

**Date filed:** 10/21/1996  
**Latest Info Received:** 12/17/1996  
**Original UCC filed date:** 03/06/1987  
**Original filing no.:** 1088953

There are additional UCC's in D&B's file on this company available by contacting 1-800-234-3867.

The public record items contained in this report may have been paid, terminated, vacated or released prior to the date this report was printed.

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## U.S. Environmental Protection Agency Envirofacts Data Warehouse

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Envirofacts

### MultiSystem Report

☒ ENVIROFACTS Report Error

**PMC INC KLEER KAST DIV  
450 SCHVYLER AVENUE  
KEARNY, NJ 07032**

[Map this facility](#)[EPA Facility Information](#)

*This query was executed on NOV-29-2006*

### Toxic Releases for Reporting Year 1995

TRI FACILITY ID: 07032KLRKS450SC

#### SIC Codes for 1995

SIC CODE	SIC CODE DESCRIPTION
3081	UNSUPPORTED PLASTICS FILM AND SHEET
3087	CUSTOM COMPOUNDING OF PURCHASED PLASTICS RESINS

#### Chemicals Released to Air

CHEMICAL NAME	TRI CHEM ID	DOCUMENT	RELEASE AMOUNTS LBS/YR	RELEASE BASIS CODE	FUGITIVE OR STACK INDICATOR
DIMETHYL PHTHALATE	000131113	1395095342491	1	OTHER	FUGITIVE OR NON-POINT EMISSIONS
DIMETHYL PHTHALATE	000131113	1395095342491	99	OTHER	STACK OR POINT EMISSIONS

#### Chemicals Released to Surface Water

			RELEASE		STORM WATER	STORM
--	--	--	---------	--	-------------	-------

CHEMICAL NAME	TRI CHEM ID	DOCUMENT	AMOUNTS LBS/YR	RELEASE BASIS CODE	APPLICABILITY FLAG	WATER PERCENTAGE
DIMETHYL PHTHALATE	000131113	1395095342491	2	MONITORING DATA	0	.01

**Chemicals Transferred to other Sites**

There was no data of this type reported for this facility.

**Chemicals Released via Underground Injection**

There was no data of this type reported for this facility.

**Chemicals Released to Land**

There was no data of this type reported for this facility.

Additional Information can be obtained from the Toxics Release Inventory System  Query.

The Environmental Defense Fund's (EDF) Chemical Scorecard has on-line environmental information regarding

this  facility's reported TRI releases. This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.

**AIRS / AFS Information**

**PLANT NAME:** PMC INC KLEER KAST DIV

**COMPLIANCE SYSTEM**  
**PLANT ID:** 00136

**AFS PLANT ID:** 15947

**LATITUDE:** 0

**LONGITUDE:** 0

**DUNS**  
**NUMBER:**

**PRINCIPAL PRODUCT:** CELLULOSE ACETATE

**INVENTORY**  
**YEAR:** 90

**EMERGENCY**  
**CONTROL:** ECAP not required

**CLASS CODE:** POTENTIAL UNCONTROLLED  
EMISSIONS < 100 TONS/YR

**COMPLIANCE STATUS:** IN COMPLIANCE -  
SHUT DOWN

The current AIRS/AFS database does not have any pollutant data for this facility.

**RCRAInfo**

**HANDLER ID:** NJD056708688

**LIST OF NAICS CODES AND DESCRIPTIONS**

NAICS CODE	NAICS DESCRIPTION
------------	-------------------

326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing
326199	All Other Plastics Product Manufacturing

**HANDLER / FACILITY CLASSIFICATION**

<b>HANDLER TYPE</b>
Large Generator

No Process Information is available for the facility listed above.

Additional Information can be obtained from Resource Conservation and Recovery Information Query. RCRAInfo

**RCRAInfo**

**HANDLER ID:** NJD980650246

No NAICS Codes are available for the facility listed above.

**HANDLER / FACILITY CLASSIFICATION**

<b>HANDLER TYPE</b>
Not in a universe

No Process Information is available for the facility listed above.

Additional Information can be obtained from Resource Conservation and Recovery Information Query.

RCRAInfo

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Last updated on Wednesday, November 29th, 2006





## PMC Global, Inc.

12243 Branford St.  
Sun Valley, CA 91352 United  
States (Map)

Phone: 818-896-1101  
Fax: 818-897-0180

<http://www.pmcglobalinc.com>

Covered by Peter Partheymuller

### OVERVIEW

PMC Global makes Bob the Builder's bubble bath *and* the pipe that drains the suds away. The diversified international company produces memory chips, connectors, film, packaging, plastics, plastic-molding equipment, and specialty chemicals, among other things. It operates through about a dozen specialized divisions such as ASC Group (electronics), Cosrich (children's bath, cosmetics, and toiletry products, including Disney brands), PMC Specialties Group (specialty chemicals), and VCF Films (PVC and acrylic films). CEO Philip Kamins (who owns the company) founded PMC (Plastic Management Corporation) in 1971 as an outgrowth of a small plastics scrap yard he founded in 1964.

### KEY INFORMATION

**D-U-N-S Number**

005318584  
Buy a D&B credit report.

**Company Type**

Private  
Headquarters

**Year Of Founding or Change In Control**

1998

**State of Incorporation**

DE

### KEY NUMBERS

**Fiscal Year-End**

December

### KEY PEOPLE

**President and CEO**

Philip E. Kamins

**CFO**

Thian C. Cheong

**VP, Corporate Development**

Steven Cohen

**CIO**

Shawn Hart

### INDUSTRY INFORMATION

**Hoover's Industries**

Chemicals

Specialty Chemical Manufacturing

Construction

Consumer Products Manufacturers

Electronics

Industrial Manufacturing

**Primary SIC Code**

2869: Industrial organic chemicals, nec

**Primary NAICS Code**

325199: All Other Basic Organic Chemical Manufacturing

#### INDUSTRY WATCH

Chips Down For Investors? (4:16)

01/24/07 4:25PM ET - JP Morgan Semiconductor Analyst Christopher Danely and Soleil-Princeton Tech Analyst Paul Leming discuss their outlook for semi earnings.

#### TOP COMPETITORS

BASF AG

Colgate-Palmolive

Pactiv

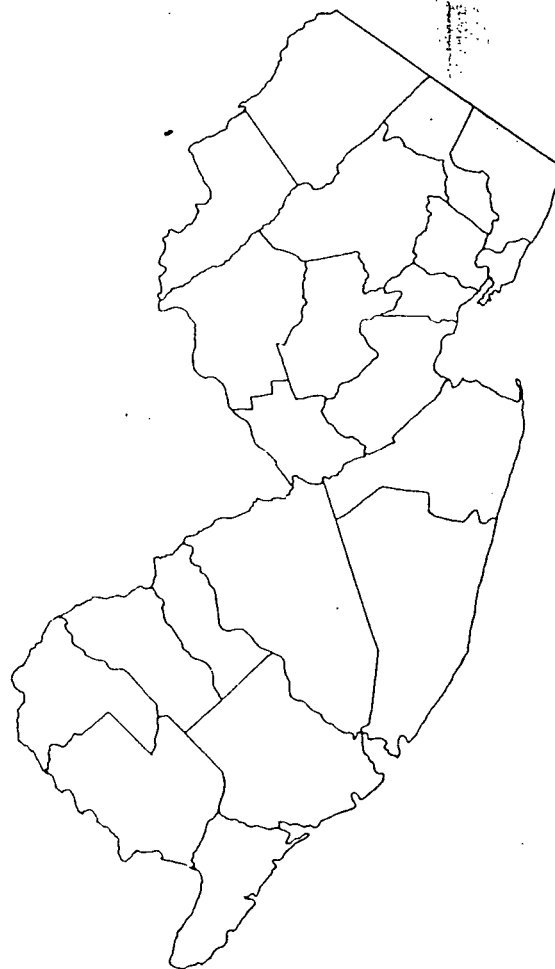
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•1980

# NEW JERSEY STATE INDUSTRIAL DIRECTORY



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PCF000778

35,000 Sq. Ft.  
Emp: 52  
▲ Metal Cleaning Compounds  
★ SIC 2842, 2319  
Pr—Fred J. Gumm  
Exec/VP—R. Sizelove  
O/M—H. Grabowski  
S/M—H. F. Martin  
T/M—Le Roy Stagg  
R/D—L. Durney  
P/M—Bill De Voti  
Ch/Eng—N. Zaki  
In N.Y.C.  
North Carolina  
Rhode Island

**HARTIN PAINT & FILLER CORP.**  
590 Belleville Tpke.  
Kearny, NJ, 07032  
Phone: 201-998-1422  
15,000 Sq. Ft.  
Emp: 25  
Industrial Finishes And Metal Fillers  
★ SIC 2851  
Pr—Robert I. Fishman  
Sec—R. Gottesman  
S/M—S. Broadwin

**HASCO PRODUCTS INC.**  
60 Passaic Ave.  
Kearny, NJ, 07032  
Phone: 201-997-1100  
Emp: 42  
Automotive Generators  
SIC 3694  
Pr—C. Shulman

**HUMMEL MACHINE & TOOL CO.**  
209 Windsor Street  
Kearny, NJ, 07032  
Phone: 201-991-5460  
5,000 Sq. Ft.  
Emp: 10  
Machine Job Shop  
SIC 3599  
Pr—Charles B. Hummel

**INTERSTATE CONCENTRATING CO., INC.**  
275 Dukes St.  
Kearny, NJ, 07032  
Phone: 201-998-7660  
Sales: \$1,000,000 To \$5,000,000  
7 Acres  
Emp: 19  
Office: M O, F 1  
Plant: M 18, F O  
Copper Base And Alloys And Residues  
SIC 3341  
Pr—Barry Brown  
VP—Morley G. Cole  
Bank:  
First Jersey National Bank  
Harrison, NJ

**J & J DRESS MFG. CO., CORP.**  
65 Passaic Ave.  
Kearny, NJ, 07032  
Phone: 201-997-1666  
Sales: \$1,000,000 To \$5,000,000  
Emp: 70  
Women's Misses' & Juniors' Blouses  
SIC 2335  
Pr—James Tirone

**KANE CARPET CO.**  
590 Belleville Tpke.  
Kearny, NJ, 07032  
Phone: 201-997-1800  
Emp: 100  
Carpets & Rugs  
SIC 2271  
Ch/B—E. Braunstein  
Pr—A. E. Braunstein  
VF—C. Greenstein, III  
VF—M. Marr

**KE/ RNY SMELTING & REFINING CORP.**  
936 Harrison Avenue  
Kearny, NJ, 07029  
Phone: 201-991-7276  
30,000 Sq. Ft.  
Emp: 43  
Metal Smelting And Refining  
SIC 3341  
Pr—Michel G. Rothschild

**KEARNY STEEL CONTAINER CORP.**  
30 Bergen Ave. Off Harrison Ave.  
Kearny, NJ, 07032  
Phone: 201-991-9178  
Emp: 8  
Metal Shipping Barrels, Drums, Kegs  
And Pails  
SIC 3412  
Pr—Ruth Varzalino  
Sec—June Duncan  
Tr—John Duncan

**KENNEY STEEL TREATING CORP.**  
100 Quincy Pl.  
Kearny, NJ, 07032  
Phone: 201-998-4420  
Sales: Up To \$1,000,000  
16,000 Sq. Ft.  
Emp: 41  
Office: M 3, F 1  
Plant: M 32, F 5  
Heat Treating & Brazing Of Metals  
SIC 3398  
Pr—J. Patrick Dunphy  
VP—John P. Dunphy  
Sec—James B. Dunphy

**KLEER KAST INC.**  
450 Schuyler Ave.  
Kearny, NJ, 07032  
Phone: 201-997-1880  
Sales: \$1,000,000 To \$5,000,000  
60,000 Sq. Ft.  
Emp: 50  
Office: M 3, F 3  
Plant: M 43, F 1  
Extruded Cellulose Diacetate &  
Solvent Bond Cast Cellulose, Diacetate  
Film & Sheet  
SIC 3079, 2899  
Pr—Philip Melli  
VP—Chas. A. Reynolds  
G/M—Philip Melli

**KOCH CARBONIC CORP.**  
55 Arlington Ave.  
Kearny, NJ, 07032  
Phone: 201-991-8424  
Emp: 25  
Office: M 3, F 3  
Plant: M 19, F O  
Carbon Dioxide Gas & Dry Ice  
SIC 2813  
Pr—J. P. Walsh  
VP—T. F. Gallagher  
P/M—G. Kitley

**L & R MFG. CO.**  
577 Elm St.  
Kearny, NJ, 07032  
Phone: 201-991-5330  
46,000 Sq. Ft.  
Emp: 180

▲ Ultrasonic & Mechanical Cleaning  
Systems & Chemicals  
★ SIC 3662  
Pr—J. Lazarus  
VP—Al Hendler  
Sec—E. J. Lazarus  
Comp—D. Romanok  
O/M—F. Horowitz  
S/M—A. Stein  
P/A—Gene Varani  
R/D—Daniel Epstein  
P/F—Jose Penichet  
S/D—T. Robertson

**L A S PRINTING CO., INC.**  
465 Elm St., Box 287  
Kearny, NJ, 07032  
Phone: 201-991-5362  
1,600 Sq. Ft.  
Emp: 4  
Office: M 1, F O  
Plant: M 2, F 1  
Offset, Commercial & Job Printing  
SIC 2752, 2751  
Pr—T. W. Stanford  
Sec—J. Stanford  
G/M—J. Conti

**MAC PRODUCTS INC.**  
60 Pennsylvania Ave.  
Kearny, NJ, 07032  
Phone: 201-344-0700  
70,000 Sq. Ft.  
Emp: 55  
▲ Electrical Connectors, Splicing Kits And  
Materials

★ SIC 3643  
Pr—Edward Gollob  
VP—Fred Greenberg  
Comp—E. Najjar  
P/A—M. Miletsky  
R/D—G. Addis  
P/M—E. Doczy

**MANTELL TRADING CO.**  
Wiping Rag Div.  
160 Passaic Ave.  
Kearny, NJ, 07032  
Phone: 201-485-1010  
Sales: Up To \$1,000,000  
5,000 Sq. Ft.  
Emp: 8  
Wiping Rags, Non Woven Wipers, Paper  
Wipers, Cheese Cloth, Work Gloves  
SIC 2211, 2381  
Pr—Philip Tainow  
VP—Harold Tainow

**MARSHALL CLARK MFG. CORP.**  
20-40 Marshall St.  
Kearny, NJ, 07032  
Phone: 201-991-2821  
40,000 Sq. Ft.  
Emp: 70  
Office: M 3, F 3  
Plant: M 12, F 50

▲ Aluminum Baseball & Softball Bats  
★ SIC 3949  
Pr—S. Moss  
Exec/VP—J. Bycon  
VP—Irving Heiberger  
Tr—E. Sordo  
S/M—I Heiberger

**MARZAHN CHEMICAL CO.**  
Div. Of: H. Kohnstamm & Co.  
Hackensack Ave. & 3rd St.  
Kearny, NJ, 07032  
Phone: 201-344-0903  
Emp: 15  
Office: M 5, F O  
Plant: M 20, F O  
Sodium Hypochlorite  
SIC 2842  
Pr—Robert J. Fischer  
VP—W. Malik  
Sec—Daniel Kaufman  
Tr—William A. Parkhurst, Jr.  
P/F—Edward Hreniuk

**METROPOLITAN REFRACTORIES**  
Div. Of: A. P. Green Refractories Co.  
1 Jacobus Ave., Box 307  
Kearny, NJ, 07032  
Phone: 201-589-5855  
Sales: Up To \$1,000,000  
Emp: 16  
Refractory Products  
SIC 3297  
G/M—G. Bobal

**MONSANTO CO.**  
Pennsylvania Ave.  
Kearny, NJ, 07032  
Phone: 201-589-0350  
Emp: 100  
▲ Phosphate Chemicals, Phosphoric Acid,  
Non-Ionic Actives, Alkylphenols  
SIC 2841  
P/M—G. E. Kupchinsky  
Ch/Eng—R. F. Hartmann  
Main N.J. Plant

**MULTI-TEX PRODUCTS CORP.**  
54 Second Ave.  
Kearny, NJ, 07032  
Phone: 201-991-7262  
Sales: \$1,000,000 To \$5,000,000  
12,000 Sq. Ft.  
Emp: 37  
Office: M O, F 3  
▲ Metallic Yarns, Novelty Yarns & Slitting  
SIC 2281  
Mkt/Dir—Frank Latella

**NEW YORK TUBE & REEL CO., INC.**  
590 Belleville Tpk., P.O. Box 401  
Kearny, NJ, 08817  
Phone: 201-732-8838  
Sales: Up To \$1,000,000 Est. 1935  
Emp: 40  
Office: M O, F 2  
Plant: M 38, F 2  
All Types & Sizes, Paper Tube, Mailing  
Textile Displays & All Other Industries

SIC 2655  
Pr—Alfred Sigismondi  
VP—Jack Sigismondi  
Sec—Joseph Lombardo  
Comp—Betty Lombardo

**NYLON MOLDING CORP.**  
Div. Of: Union Plastics Corp.  
260 Schuyler Ave.  
Kearny, NJ, 07032  
Phone: 201-997-5300  
Sales: \$1,000,000 To \$5,000,000  
26,000 Sq. Ft.  
Emp: 85  
▲ Mold & Machine Precision Parts,  
Thermoplastics  
★ SIC 3545, 3079  
Pr—Steven Karol  
Exec/VP—Joe Amelio  
VP—Stan Shabman  
VP—David Gritz  
VP—William Karol  
North Hollywood, Cal.  
2 S. 2nd St.  
Plainfield, NJ  
Branch Plants:  
7119 Fair Ave.  
North Hollywood, Cal.  
2 S. Second St.  
Plainfield, NJ

**OWENS CORNING FIBERGLASS CORP.**  
Div. Of: Trumbull Asphalt Co.  
Newark Turnpike  
Kearny, NJ, 07032  
Phone: 201-998-2340  
Sales: \$5,000,000 To \$10,000,000  
Emp: 63  
Office: M 2, F 5  
Plant: M 56, F O

▲ Asphalt And Asphalt Products  
SIC 2952  
P/M—Gerald Klein

**PACE-SETTER PRODUCTS CO., INC.**  
399 Kearny Ave.  
Kearny, NJ, 07032  
Phone: 201-997-1567  
Sales: Up To \$1,000,000 Est. 1965  
Emp: 15

▲ Blunt Hypodermic Needles  
SIC 3841  
Pr—Edward T. Babinski  
VP—Alfred Babinski  
Tr—Laura Babinski

**PACQUET**  
Div. Of: The Standard Products Co.  
590 Belleville Tpke.  
Kearny, NJ, 07032  
Phone: 201-991-5080  
43,000 Sq. Ft.  
Emp: 62  
Office: M 12, F 6  
Plant: M 44, F O  
Cellophane Converter & Laminator Of  
Cellophane, Polypropylene &  
Polyethylene  
★ SIC 2821  
G/M—R. T. Myers  
O/M—J. R. Klopp  
R/D—John Duggan  
P/M—R. Nelson

**PAPER MILL CONVERTING CORP.**  
380 Bergen Ave.  
Kearny, NJ, 07032  
Phone: 201-997-1075  
31,000 Sq. Ft.  
Emp: 10  
Paper Converters  
SIC 2649  
Pr—Robert M. Stichman

**PEPSI COLA METROPOLITAN BOTTLING CO., INC.**  
Sub. Of: Pepsi-Cola Co.  
Building 79, Federal Yard  
Kearny, NJ, 07302  
Phone: 201-935-4844  
35,840 Sq. Ft.  
Emp: 149  
Bottled & Canned Soft Drinks  
SIC 2086  
G/M—H. Steimle

▲ Exporters ● Importers ◆ Exporters & Importers ★ Research Facilities



# **NEW JERSEY DIRECTORY OF MANUFACTURERS**

**1990-1991 EDITION**

Publisher

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Products: Corrugated Shipping Materials and Displays Interior Packaging

SIC: 2653 Etab: 1946  
Sales: \$1-2M  
Sq.Ft: 15,000 Acres: 1

Pr/GM: Howard Rich  
Sec: Barbara Rich  
Bank: United Jersey Bank, Mt. Arlington, NJ  
Accts: Rodner Grundman  
Law Firm: Irvin Grundman & Company, Hackensack, NJ

#### BANKS BROTHERS CORP

590 Belleville Turnpike Kearny, NJ 07032  
Phone: 201-981-6117  
Products: Automotive Gaskets.

SIC: 3053 Etab: 1977  
Sales: \$2-5M  
Sq.Ft: 30,000 Acres: 1  
Pr: Lawrence Banks  
VP: Stanley Banks  
Comp: Ellis L. Egelt  
GM: Arnold Kronfeld

#### BASF/CHEMICAL DIVISION

(Sub BASF Aktiengesellschaft, West Germany)  
50 Central Avenue Kearny, NJ 07032

Phone: 201-518-2300  
Products: Plasticizers

SIC: 2869 Etab: 1964  
Sales: \$1-2M  
Sq.Ft: 140 Acres: 27  
GM: Andrew G. Mueller

#### BASIS COMMUNICATIONS INC

100 Central Avenue Kearny, NJ 07032  
Phone: 201-582-7474  
Products: Commercial Printing

SIC: 2759 Etab: 1977  
Sales: \$1-2M  
Sq.Ft: 10 Acres: 1  
Pr: Scott Winters

#### BEST TOOL COMPANY

172 Garfield Avenue Kearny, NJ 07032  
Phone: 201-959-2605  
Products: Precision Dies, Tools, Gages, Fixtures, Prototypes, Special Machinery

SIC: 3544 Etab: 1957  
Sales: \$2-5M  
Sq.Ft: 2,000 Acres: 1  
Owner: John B. Barnett

#### CPT TEST SERVICES INC

234 Sanford Avenue Kearny, NJ 07032  
Phone: 201-993-9750  
Products: Carb Valve Boxes and Electric Rust Prevention Equipment for Tanks

SIC: 3494 Etab: 1957  
Sales: \$2-5M  
Sq.Ft: 5,000 Acres: 1  
Pr: Thomas J. Martin  
VP: Glenn Martin  
Tr: Joleen Judge Martin

Bank: Valley National Bank, Passaic, NJ  
Accts: Bederos on, Parness & Bond, West Orange, NJ

#### CAMPBELL TOOL CO., INC

595 Passaic Avenue Kearny, NJ 07032  
Phone: 201-991-8433  
Products: Machine Shop

SIC: 3599 Etab: 1957  
Sales: \$1-2M  
Sq.Ft: 10,000 Acres: 1  
Pr: Angelo Tamburri

#### CAPITAL CITY PRODUCTS INC

(Sub Capital City Products Corp., Columbus, OH)  
Foot of Sanford Avenue Kearny, NJ 07032

Phone: 201-997-4300  
Products: Edible Oils and Detergents  
SIC: 2833 Etab: 1977  
Sales: \$1-2M  
Sq.Ft: 10,000 Acres: 1  
Pr: Richard Holland  
Pr Mgr: Henry Yard

#### CLOREX CHEMICAL CORP

(Div Standard Chlorine Chemical Co. Kearny)  
1035 Belleville Turnpike Kearny, NJ 07032

Phone: 201-997-1700  
Products: Waste System and Drainage Chemicals

SIC: 2842 Etab: 1932  
Sales: \$10-20M  
Sq.Ft: 100,000 Acres: 25  
Pr: Louis P. Wiener  
VP: Purch: Milton Davis  
VP: Fin: Norman Myerson  
Directors

Bank: Manne Midland Bank, New York City  
Accts: Samuel Klein & Company, Newark

#### DALLAS MANUFACTURING CO., INC

160 Passaic Avenue Kearny, NJ 07032  
Phone: 201-997-5209  
Products: Machine Shop

SIC: 3599 Etab: 1949  
Sales: \$500M-1MM  
Sq.Ft: 20,000 Acres: 1  
Pr: V. D. Alessandro  
VP: Tr: J. D. Alessandro  
Sis Mgr: Sec: G. D. Alessandro

#### DOWER FINISHING COMPANY

53 Second Avenue Kearny, NJ 07032  
Phone: 201-997-3848  
Products: Custom Metal Finishes

SIC: 3479 Etab: 1977  
Sales: Under \$500M  
Sq.Ft: 12,000 Acres: 1  
Pr: S. Luke  
Pr Mgr: G. E. Zirk

Bank: Peoples Bank, Belleville, NJ  
Accts: Lavecchia & Zarro, Nutley, NJ  
Law Firm: Piro, Zinna, Cifelli & Paris, Nutley, NJ

#### DREW CHEMICAL CORP/KEARNY

PLANT (Sub Ashland Oil, Inc., Russell, KY)  
1106 Harrison Avenue Kearny, NJ 07032

Phone: 201-997-0300  
Products: Water Treatment Chemicals

SIC: 2899 Etab: 1977  
Sales: \$1-2M  
Sq.Ft: 5 Acres: 5  
Pr Mgr: Douglas A. Hartmann

#### ELECTRIC CASTINGS CORP

(Affil Radial Casting Corp., Kearny)  
70 Pennsylvania Avenue Kearny, NJ 07032

Phone: 201-344-0333  
Products: Aluminum Castings

SIC: 3365 Etab: 1961  
Sales: \$10-20M  
Sq.Ft: 35,000 Acres: 1.5  
Pr: Ronald H. Landau  
VP: Eng: Laurence Landau  
Directors

Bank: First Jersey Federal Bank, Harrison, NJ  
Accts: Weiner & Company, Morristown, NJ  
Law Firm: Robinson, Wayne & Greenberg, Newark

#### ELECTROMECH, INC

528 Elm Street Kearny, NJ 07032  
Phone: 201-997-0950  
Products: Transformers, Inverters, Chokes, Power Supplies

SIC: 3612 Etab: 1979  
Sales: \$500M-1MM  
Sq.Ft: 9,000 Acres: 1  
Pr: Solomon Ezra  
Tr: Abraham Ezra  
GM: Linda Ochino

Bank: Valley National Bank, Kearny  
Accts: John D. Nardone, Little Falls, NJ

#### ELECTRON TECHNOLOGY, INC

(Sub AVO International Ltd., Dover, UK)  
626 Schuyler Avenue Kearny, NJ 07032

Phone: 201-998-8100  
Products: Glass Stems and Seals, Ionization Gauges, Electron Tubes

SIC: 3829 Etab: 1950  
Sales: \$2-5M  
Sq.Ft: 35,000 Acres: 1.35  
Pr: Ronald H. Goehner  
Comp: J. H. Friel  
Dir Mkt: H. M. Brady  
PA: D. Correia  
Pr Mgr: Maria Battista  
Directors

#### EMCO STAINLESS INC

49 O'Brien Road Kearny, NJ 07032  
Phone: 201-997-9000  
Products: Stainless Steel Sheets, Plates and Pipe Fittings

SIC: 3443 Etab: 1970  
Sales: \$2-5M  
Sq.Ft: 15,000 Acres: 1  
Pr: Joseph Heinowitz  
VP: Sheldon Gottfried  
Sec: Harold Heinowitz

Bank: Maplewood Bank & Trust Company, Maplewood, NJ

#### FERBER PLASTIC MANUFACTURING COMPANY

65 Passaic Avenue Kearny, NJ 07032  
Phone: 201-991-1200  
Products: Vinyl Advertising Novelties

SIC: 3993 Etab: 1947  
Sales: Under \$500M  
Sq.Ft: 20,000 Acres: 1  
Owner: Beatrice Ferber

#### FRANKLIN PLASTICS CORP

(Sub Spartech Corp., St. Louis)  
113 Passaic Avenue Kearny, NJ 07032

Phone: 201-998-8002  
Products: Thermoplastic Raw Materials and Vinyl Compounds

SIC: 3087 Etab: 1962  
Sales: \$3-4M  
Sq.Ft: 110,000 Acres: 11  
Pr: Daniel Pomerantz  
Ex VP: Marvin Nafal

VP: Oper/PA: Robert Brookman  
Pers Mgr: L. Diane Seremi  
Ch Eng: Joseph Ronzo  
Directors

Bank: Philadelphia National Bank, Philadelphia  
Accts: Schwartz, Lasson, Harris & Company, Willow Grove, PA  
Law Firm: Fox, Rothschild, O'Brien & Frankel, Philadelphia

#### G & W INDUSTRIES INC

580 Elm Street Kearny, NJ 07032  
Phone: 201-998-3400  
Products: Dresses and Blouses

SIC: 2335 Etab: 1977  
Sales: Under \$500M  
Sq.Ft: 10 Acres: 1

#### GARRY PLASTICS COMPANY

333 Bergen Avenue Kearny, NJ 07032  
Phone: 201-998-5020  
Products: Plastic Packaging for Cosmetic Industry

SIC: 3089 Etab: 1950  
Sales: Under \$500M  
Sq.Ft: 3 Acres: 3  
Pr: Henry Charzewski  
VP: Mary Charzewski

Tr: Sec: B. Lindsay  
Directors

Bank: First Fidelity Bank, Kearny  
Accts: DeLeon, Murphy, DeMichele & Company, Glen Rock, NJ  
Law Firm: Silis, Beck, Cummins, Zucker, et al, Newark

#### GILD-N-SON MANUFACTURING & SALES COMPANY

328 Belleville Turnpike Kearny, NJ 07032  
Phone: 201-991-6222  
Products: Vinyl Window Products

SIC: 3089 Etab: 1950  
Sales: \$500M-1MM  
Sq.Ft: 10,000 Acres: 1  
Pr: Alan Gildenberg

Bank: Valley National Bank, Kearny

#### GOODY PRODUCTS, INC

959 Newark Turnpike Kearny, NJ 07032  
Phone: 201-997-3000  
Products: Hair Brushes, Barrettes, Rollers, Combs, Sunglasses, Cosmetic Items

SIC: 3965 Etab: 1907  
Sales: \$198MM  
Sq.Ft: 10,000 Acres: 1  
Pr: Leonard Goodman  
Ex VP: Robert Z. Rothstein

Sr VP: Sec: Marvin Katz  
Sr VP: Fin: Tr: H. M. Silverman  
VP: Mkt: Angelo Orros  
VP: Pers: Charles K. Karriker  
Sec: Marvin Katz

Directors; also:  
M. Bernard Aldinoff  
David Markowitz  
Norman Katz  
M. I. Ginsberg  
Leo Goldgram  
Abraham Sidelman

Bank: First National Bank, Boston  
Accts: Peat, Marwick, Main & Company, Short Hills, NJ  
Law Firm: Sullivan & Cromwell, New York City

#### GRAPHIC MANAGEMENT INC

151 Kearny Avenue Kearny, NJ 07032  
Phone: 201-997-6800  
Products: Commercial Printing

SIC: 2759 Etab: 1976  
Sales: \$2-5M  
Sq.Ft: 30,000 Acres: 1  
Pr: J. Scott Wright

Bank: Valley National Bank, Kearny  
Accts: Shelly Wernick, Harrison, NJ

#### GUMM, FREDERICK, CHEMICAL CO., INC

538 Forest Street Kearny, NJ 07032  
Phone: 201-991-4171  
Products: Metal Finishing and Cleaning Compounds

SIC: 2842 Etab: 1933  
Sales: \$10-20M  
Sq.Ft: 74,000 Acres: 1  
CEO/Pr: Frederick Gumm  
Ex VP: Mkt: R. R. Sizelove

VP: Eng: N. Zaki  
Comp: Robert Lee  
Directors

Bank: Summit Trust Company, Summit, NJ  
Accts: Peat, Marwick, Main & Company, Short Hills, NJ

Law Firm: Koch, Koch & Bennett, Kearny, NJ

#### HONEYCOMB PLASTICS CORP

244 Dukes Street Kearny, NJ 07032  
Phone: 201-997-5900  
Products: Custom Injection Molding

SIC: 3089 Etab: 1977  
Sales: \$2-5M  
Sq.Ft: 80,000 Acres: 11  
Pr: Tony Sheng  
Tr: Sec: Ke-Ling Sheng

Bank: Howard Bank, Newark  
Accts: Bussin & Mandelbaum, Bloomfield, NJ  
Law Firm: Stern, Dubrow, Marcus & Cooper, Maplewood, NJ

#### HUMMEL MACHINE & TOOL COMPANY

580 Davis Avenue Kearny, NJ 07032  
Phone: 201-991-5200  
Products: Machine Shop

SIC: 3599 Etab: 1938  
Sales: \$500M-1MM  
Sq.Ft: 5,000 Acres: 1  
Pr: Charles B. Hummel  
Tr: Mary Ellen Hummel

#### INTERSTATE METAL SEPARATING

275 Dukes Street Kearny, NJ 07032  
Phone: 201-998-7660  
Products: Copper Base Alloys and Residues

SIC: 3341 Etab: 1946  
Sales: \$500M-1MM  
Sq.Ft: 7 Acres: 7  
Pr: H. L. Brown  
VP: Morley G. Cole  
Sec: Barry Brown

Accts: Sidney Krumholz, New York City

#### KEARNY SCREW MACHINE CO., INC

554 Elm Street Kearny, NJ 07032  
Phone: 201-998-4363  
Products: Screw Machine Products

SIC: 3451 Etab: 1979  
Sales: \$1-2M  
Sq.Ft: 10 Acres: 1  
Pr: Otto Carchia

#### KEARNY SMELTING & REFINING CORP

936 Harrison Avenue Kearny, NJ 07032  
Phone: 201-991-7276  
Products: Nonferrous Metal Smelting and Refining

SIC: 3341 Etab: 1979  
Sales: \$1-2M  
Sq.Ft: 30,000 Acres: 1  
Pr: Michael G. Rothschild

Bank: National Westminster Bank, NJ, Harrison, NJ

Accts: George E. D'Alia, Union, NJ

Law Firm: Kane & Flamingo, Morristown, NJ

Bank: National Westminster Bank, NJ, Harrison, NJ

Accts: George E. D'Alia, Union, NJ

Law Firm: Kane & Flamingo, Morristown, NJ

Bank: National Westminster Bank, NJ, Harrison, NJ

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Bank: National Westminster Bank, NJ, Harrison, NJ

Accts: George E. D'Alia, Union, NJ

Law Firm: Kane & Flamingo, Morristown, NJ

Bank: National Westminster Bank, NJ, Harrison, NJ



# **NEW JERSEY DIRECTORY OF MANUFACTURERS®**

**1994-1995 EDITION**

Publisher

**Commerce Register, Inc.®**  
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# NEW JERSEY GEOGRAPHICAL SECTION

(Kearny • Kearny)

**CLOROBEN CHEMICAL CORP.**  
(Div. *Starna-Chlorine Chemical Co.*)  
Kearny, NJ 07032  
1035 Belleville Turnpike  
Phone: 201-997-1700  
Products: Waste System and Drainage Chemicals

SIC: 2842 Etab: 1932  
Sales: \$2.5MM Emp: 15  
Sq. Ft: 10,000 Acres: 25  
Pr: Louis S. Wiener  
VP: Charles Kummel  
GM: Robert P. Keeton  
• Directors

Bank: First Fidelity Bank, Philadelphia  
Accts: KPMG Peat Marwick, Short Hills, NJ

**POWER FINISHING COMPANY**  
53 Second Avenue Kearny, NJ 07032  
Phone: 201-997-3848  
FAX: 201-997-0257  
Products: Custom Metal Finishes

SIC: 3471 Etab: 1932  
Sales: \$5.0MM Emp: 30  
Sq. Ft: 12,000  
Pr: S. Lutz  
PrMgr: G. E. Zirk

Bank: Peoples Bank, Belleville, NJ  
Accts: Lavetta & Zario, Nutley, NJ  
Law Firm: Piro, Zinna, Cifelli & Paris, Nutley, NJ

**DREW CHEMICAL CORP. KEARNY PLANT**  
(Sub *Ashland Oil, Inc.*, Russell, KY)  
1105 Harrison Avenue Kearny, NJ 07032  
Phone: 201-997-0300  
Products: Water Treatment Chemicals

SIC: 2899 Etab: 1932  
Sales: \$5.0MM Emp: 90  
Acres: 5  
PrMgr: John Orlowski

**DYNASTY METALS, INC.**  
181 Gardell Avenue Kearny, NJ 07032  
Phone: 201-997-7744  
FAX: 201-997-7488  
Products: Metal Finishing

SIC: 3471 Etab: 1984  
Sales: \$2.5MM Emp: 35  
Pr: Richard Kolodin  
VP: Eddie J. Kolodin  
Cont: Bernadette Jerry  
• Directors

Bank: Bank of New York, N. Arlington, NJ  
Accts: Robert Price & Company, West Orange, NJ

**ET MANUFACTURING INC.**  
65 Passaic Avenue Kearny, NJ 07032  
Phone: 201-997-1200  
FAX: 201-997-4614  
Products: Vinyl Advertising Novelties

SIC: 3993 Etab: 1947  
Sales: Under \$500M Emp: 20  
Sq. Ft: 20,000  
Pr: Ed Tager

Bank: Bank of New York, Kearny  
Accts: A. Bernstein, New York City  
Law Firm: Solvay & Ledlin, New York City

**ELECTRIC CASTINGS CORP.**  
(Affil *Radial Casting Corp.*, Kearny)  
70 Pennsylvania Avenue Kearny, NJ 07032  
Phone: 201-344-0333  
FAX: 201-690-5354  
Products: Aluminum Castings

SIC: 3365 Etab: 1951  
Sales: \$10.20MM Emp: 55  
Sq. Ft: 35,000 Acres: 1.5  
Pr: Ronald H. Landau  
PrMgr: Mike Ashe  
• Directors

Bank: First Jersey Federal Bank, Harrison, NJ  
Accts: Weiner & Company, Morrisown, NJ  
Law Firm: Robinson, St. John & Wayne, Newark

**ELECTRON TECHNOLOGY, INC.**  
(Sub *Inductotherm Industries, Inc.*, Rancocas, NJ)  
626 Schuyler Avenue Kearny, NJ 07032  
Phone: 201-997-8100  
Products: Glass Stems and Seal Ionization Gauges, Electron Tubes

SIC: 3229 Etab: 1950  
Sales: \$2.5MM Emp: 37  
Sq. Ft: 35,000 Acres: 1.35  
Pr: G.M. Ronald H. Goehner

Comp: D. J. Checchia  
DirMkt: H. M. Brady  
PA: D. Correia  
PrMgr: Maria Battista  
• Directors

**EMCO STAINLESS INC.**  
49 O'Brien Road Kearny, NJ 07032  
Phone: 201-997-9000  
FAX: 201-997-4290  
Products: Stainless Steel Sheets and Plates

SIC: 3443 Etab: 1970  
Sales: \$2.5MM Emp: 11  
Sq. Ft: 15,000  
Pr: Harold Heinowitz  
VP: William Paige  
Sec: Steven Heinowitz

Bank: Summit Bank, Maplewood, NJ

**FRANKLIN PLASTICS CORP.**  
(Sub *Spartech Corp.*, St. Louis)  
113 Passaic Avenue Kearny, NJ 07032  
Phone: 201-998-8002  
FAX: 201-998-1533  
Products: Thermoplastic Raw Materials and Vinyl Compounds

SIC: 3087 Etab: 1962  
Sales: \$34MM Emp: 120  
Sq. Ft: 110,000 Acres: 11  
Pr: CEO/Pr: Bradley Beuchler  
PrMgr: Steven Byron  
• Directors

Bank: Philadelphia National Bank, Philadelphia  
Accts: Schwartz, Lason, Harris & Company, Willow Grove, PA  
Law Firm: Fox, Rothschild, O'Brien & Frankel, Philadelphia

**GILD-N-SON MANUFACTURING & SALES COMPANY**  
328 Belleville Turnpike Kearny, NJ 07032  
Phone: 201-991-6222  
Products: Vinyl Window Products

SIC: 3089 Etab: 1950  
Sales: \$500M-1MM Emp: 10  
Sq. Ft: 10,000  
Pr: Alan Gildenberg  
Directors:

Sanford Gildenberg  
Bank: Valley National Bank, Kearny

**GOODY PRODUCTS, INC.**  
(Div *Newell Company*, Fremont, IL)  
959 Newark Turnpike Kearny, NJ 07032  
Phone: 201-997-3000  
Products: Hair Brushes, Barrettes, Rollers, Combs, Sunglasses, Cosmetic Items

SIC: 3069 Etab: 1907  
Sales: Over \$200MM Emp: 3,000  
Pr: ChBd: Leonard Goodman  
Pr/COO: Ronald Gordon  
SrVP: Sec: David Sandgruht  
SrVP: Fin/Tr: Kevin Walsh  
SrVP: Mkt: John Creel  
SrVP: Pers: Robert Eurtin  
• Directors; also:

M. Bernard Aidinoff Leo Goldgram  
David Markowitz H. F. Krimendahl II  
James C. Tappan Carol R. Goldberg  
Accts: KPMG Peat Marwick, Short Hills, NJ  
Law Firm: Sullivan & Cromwell, New York City

**GUMM, FREDERICK, CHEMICAL CO., INC.**  
539 Forest Street Kearny, NJ 07032  
Phone: 201-991-4171  
FAX: 201-991-5855  
Products: Metal Finishing and Cleaning Compounds

SIC: 2842 Etab: 1933  
Sales: \$10.20MM Emp: 110  
Sq. Ft: 74,000  
Pr: CEO/Pr: Frederick Gumm  
ExVP: Mkt: R. R. Sizelove  
VP: Eng: N. Zaki  
Comp: Robert Lee  
• Directors

Bank: Summit Bank, Summit, NJ  
Accts: KPMG Peat Marwick, Short Hills, NJ  
Law Firm: Koch, Koch & Bennett, Kearny

**INTERCONTINENTAL FURNITURE COMPANY**  
160 Passaic Avenue Kearny, NJ 07032  
Phone: 201-998-4085  
Products: Wooden Furniture

SIC: 2511 Etab: 19  
Emp: 19  
Pr: Peter Berlic

**KARLSHAMNS USA, INC.**  
(Sub *Karshams USA, Inc.*, Columbus, OH)  
Foot of Sanford Avenue Kearny, NJ 07032  
Phone: 201-997-4300  
FAX: 201-997-8085  
Products: Edible Oils

SIC: 2046 Etab: 1970  
Sales: \$2.5MM Emp: 70  
Pr: T. Holmberg  
PrMgr: Henry Yard  
QCMgr: Anita Salomon

**KEARNY SCREW MACHINE CO., INC.**  
554 Elm Street Kearny, NJ 07032  
Phone: 201-998-4363  
Products: Screw Machine Products

SIC: 3451 Etab: 1932  
Emp: 9  
Pr: Otto Carchia

**KEARNY SMELTING & REFINING CORP.**  
936 Harrison Avenue Kearny, NJ 07032  
Phone: 201-991-7276  
FAX: 201-998-1274  
Products: Nonferrous Metal Smelting and Refining

SIC: 3339 Etab: 1932  
Sales: \$2.5MM Emp: 43  
Sq. Ft: 30,000  
Pr: Michael G. Rothschild

**KENNEY STEEL TREATING CORP.**  
100 Quincy Place Kearny, NJ 07032  
Phone: 201-998-4420  
FAX: 201-998-4429  
Products: Heat Treating and Brazing of Metals

SIC: 3398 Etab: 1946  
Sales: \$2.5MM Emp: 25  
Sq. Ft: 16,000 Acres: 4  
Pr: J. Patrick Dunphy  
VP: John P. Dunphy, Jr.  
Tr/Sec: James B. Dunphy  
• Directors

Bank: National Westminster Bank, Harrison, NJ  
Accts: George E. D'Aloia, Union, NJ  
Law Firm: Kane & Flamingo, Morristown, NJ

**KLEER KAST**  
(Div *PMC, Inc.*, Sun Valley, CA)  
450 Schuyler Avenue Kearny, NJ 07032  
Phone: 201-997-1880  
Products: Extruded, Cast Cellulose and Cellulose Compounds, Diacetate Film

SIC: 3087 Etab: 1971  
Sales: \$10.20MM Emp: 80  
Sq. Ft: 100,000 Acres: 19  
Pr: J. A. Mulligan  
VP: C. Reese  
VP: Sis: Hugh O'Neill

**KOTOW, INC.**  
244 Dukes Street Kearny, NJ 07032  
Phone: 201-997-5900  
FAX: 201-997-4420  
Products: Custom Injection Molding

SIC: 3089 Etab: 1977  
Sales: \$2.5MM Emp: 110  
Sq. Ft: 60,000  
Pr: Tony Sheng  
Tr/Sec: Ke-Ling Sheng

Bank: Bank of New York, Kearny  
Accts: Cohen, Friedman & Spector, Union, NJ  
Law Firm: Stern, Dubrow & Marcus, Maplewood, NJ

**L & R MANUFACTURING COMPANY**  
577 Elm Street Kearny, NJ 07032  
Phone: 201-991-5330  
FAX: 201-991-5870  
Products: Ultrasonic Cleaning Equipment and Solutions

SIC: 3699 Etab: 1930  
Sales: \$5.10MM Emp: 180  
Sq. Ft: 50,000  
Pr: James J. Lazarus  
VP: David Romanck  
Tr/Sec: Eda Lazarus  
GM: Paul J. McNichol  
SisMgt: William Gane  
PA: Gene Varani

Bank: Valley National Bank, Kearny  
Accts: M. R. Weiser, Iselin, NJ  
Law Firm: Brach & Eichler, Roseland, NJ

**L.A.S. PRINTING COMPANY**  
467 Elm Street Kearny, NJ 07032  
Phone: 201-991-5362  
FAX: 201-991-7367  
Products: Commercial Printing

SIC: 2759 Etab: 1951  
Sales: \$1.2MM Emp: 6  
Sq. Ft: 20,000  
Pr: Joseph Conti  
VP: Peter Milcits

Bank: Valley National Bank, Kearny  
Accts: Roger Seccia, CPA, Vernon, NJ  
Law Firm: Froelich & Landesman, Kearny

**MAC PRODUCTS INC.**  
50 Pennsylvania Avenue Kearny, NJ 07032  
Phone: 201-344-0700  
Products: Electrical Connectors, Splicing Kits and Materials

SIC: 3643 Etab: 1961  
Sales: \$2.5MM Emp: 96  
Sq. Ft: 120,000  
Pr: Edward Gollob  
VP: Fred Greenberg  
Comp: Michael Brigante  
PA: Jerry Bianco  
PrMgt: Joseph Molnar

**MINUTEMAN PRESS**  
(Div *Minuteman Press International*, Farmingdale, NY)  
75 Ridge Road Kearny, NJ 07032  
Phone: 201-991-1030  
FAX: 201-991-0139  
Products: Lithographic Commercial Printing

SIC: 2752 Etab: 1976  
Sales: Under \$500M Emp: 10  
Sq. Ft: 1,800  
Pr: Michael Anthony

Bank: United Jersey Bank  
Accts: Frank Italiano  
Law Firm: James Strull, Hackensack, NJ

**MULTI-TEX PRODUCTS INC.**  
54 Second Avenue Kearny, NJ 07032  
Phone: 201-991-7252  
FAX: 201-991-4549  
Products: Metallic and Novelty Yarns

SIC: 2299 Etab: 1949  
Sales: \$1.2MM Emp: 30  
Sq. Ft: 22,000  
Pr: Joel Cohen  
VP: Michaelene Dwulet

**OWENS-CORNING FIBERGLAS CORP.**  
(Div *Owens-Corning Fiberglass Corp.*, Toledo, OH)  
249 Newark Turnpike Kearny, NJ 07032  
Phone: 201-998-5666  
FAX: 201-998-5938  
Products: Shingle and Asphalt Products

SIC: 2952 Etab: 1930  
Sales: \$1.2MM Emp: 130  
PrMgt: Fred Ramquist  
AdminMgt: R. Killam

**PACE-SETTER PRODUCTS CO., INC.**  
399 Kearny Avenue Kearny, NJ 07032  
Phone: 201-997-1567  
FAX: 201-997-6165  
Products: Hypodermic Needles, Vacuum Systems

SIC: 3841 Etab: 1965  
Sales: Under \$500M Emp: 5  
Sq. Ft: 1,800  
Pr: Edward T. Babinski  
VP: Alfred Babinski  
Tr: Laura Babinski  
• Directors

**PARAGON STEEL & TOOL CO., INC.**  
339 Bergen Avenue Kearny, NJ 07032  
Phone: 201-997-1675  
Products: Small Tools and Chisels

SIC: 3423 Etab: 1950  
Sales: Under \$500M Emp: 5  
Pr: Joseph Fisher

**PFAFF TOOL & MANUFACTURING CO., INC.**  
35 O'Brien Street Kearny, NJ 07032  
Phone: 201-998-9111  
FAX: 201-998-9130  
Products: Plastic Injection Molding and Injection Blow Molding Parts

SIC: 3089 Etab: 1957  
Sales: \$5.10MM Emp: 100  
Sq. Ft: 140,000 Acres: 4





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# **1996** **OFFICIAL** **New Jersey** **Manufacturers** **Directory™**

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## **Features:**

- Company profiles
- Key contacts with titles
- Street & mailing addresses
- Extended Zip Codes
- Phone, fax & 800 numbers
- Headquarters location & phone
- Employment figures
- Product description
- Annual sales
- Facility size
- ...and much more



**New  
Jersey**  
WHAT A DIFFERENCE  
A STATE MAKES

PCF000784

SIC: 3272 2952 Sealers & cement  
HQ: Gardner Asphalt Corp  
4161 E 7th Ave  
Tampa, FL 33605-4601  
813 246-2101

**GOODY PRODUCTS INC.**  
KEARNY NJ Moved To  
Peachtree City GA

**GREEN, A P INDUSTRIES INC**  
1 Jacobus Ave (07032-4531)  
Phone ..... 201 589-5855  
Natl Toll Free: 800 887-5555  
FAX: 201 589-8214  
District Mgr: Ralph Torano  
EMP: 5  
SLS: \$500-999K (est)  
Publicly Owned  
SIC: 3255 Brick refractories

**GUMM, FREDERICK CHEMICAL CO (HQ)**  
538 Forrest St (07032-3606)  
Phone ..... 201 991-4171  
Natl Toll Free: 800 676-4866  
FAX: 201 991-5855  
President: Frederick J Gumm  
EMP: 160 EST: 1933  
SLS: \$25MM-49.9MM (est)  
Publicly Owned  
SIC: 2859 3559 Metal finishing chemicals

**HONEYWARE**  
244 Dukes St (07032-3929)  
Phone ..... 201 997-5900  
FAX: 201 997-4420  
President: Tony L Shang  
V P Operations: Raymond Shang  
▲EMP: 125 EST: 1974  
SQ. FT: 60,000  
SLS: \$10MM-24.9MM (est)  
Privately Owned  
SIC: 3089 Plastic injection molding

**KEARNY SCREW MACHINE CO**  
554 Elm St (07032-3620)  
Phone ..... 201 998-4363  
Owner: Otto Carcina  
EMP: 5  
SLS: \$500-999K (est)  
Privately Owned  
SIC: 3452 Screws

**KEARNY SIGNS ADVERTISING**  
509 Schuyler Ave (07032-4101)  
Phone ..... 201 997-4548  
Owner: Favian Milano  
EMP: 5 EST: 1971 SQ. FT: 7,000  
SLS: Under \$500K (est)  
Privately Owned  
SIC: 3993 2499 Electrical, magnetic, metal, painted & wooden signs

**KENNEY STEEL TREATING CORP (HQ)**  
100 Quincy Pl (07032-4098)  
Phone ..... 201 998-4420  
FAX: 201 998-4429  
President: Jack Dunphy  
Vice President: Jim Dunphy  
Plant Mgr: Francis Toner  
EMP: 20 EST: 1955  
SQ. FT: 10,600  
SLS: \$1MM-4.9MM (est)  
Privately Owned  
SIC: 3398 Metal heat treating & brazing

**KLEER KAST**  
Div P M C Inc  
450 Schuyler Ave (07032-4132)  
Phone ..... 201 997-1880  
FAX: 201 997-8071  
President: Thomas Azzarelli  
V P Operations: Yul O'Neill  
Dir Human Res: Eileen Maitone  
EMP: 39 EST: 1971  
SLS: \$1MM-4.9MM (est)  
SIC: 2823 2821 3081 Cellulose acetate, film, sheet & resin

**KUEHNE CHEMICAL CO INC**  
86 Hackensack Ave (07032-4620)  
Phone ..... 201 344-0903  
FAX: 201 589-4866  
President: Peter Kuehne  
General Mgr: Roger Goetzl  
▼EMP: 75  
SLS: \$10MM-24.9MM (est)  
Privately Owned  
SIC: 2819 2812 Sodium hypochlorite & alkalies

**L A S PRINTING CO**  
467 Elm St (07032-3513)  
PO Box 287 (07032-0287)  
Phone ..... 201 991-5362  
FAX: 201 991-7367  
President: Joseph Conti  
EMP: 12 EST: 1951  
SLS: \$1MM-4.9MM (est)  
Privately Owned  
SIC: 2752 2759 2789 2791 Letterpress & offset printing; computer typesetting; glue, side & saddle stitch binding

**L & R MANUFACTURING CO**  
577 Elm St (07032-3699)  
Phone ..... 201 991-5330  
Natl Toll Free: 800 572-5326  
FAX: 201 991-5870  
President: James J Lazarus  
Sales Mgr: Paul McNichol  
Marketing Mgr: Stacy Ryan  
Purch Agent: Gene Varoni  
Dir Human Res: Carmen Papic  
▼EMP: 160 EST: 1928  
SLS: \$10MM-24.9MM (est)  
Privately Owned  
SIC: 3679 Electronic indl machinery

**LAWTER INTL INC**  
24 Jacobus Ave (07032-4514)  
Phone ..... 201 589-0904  
FAX: 201 589-8210  
Plant Mgr: Fred Hall  
EMP: 25  
SLS: \$1MM-4.9MM (est)  
Privately Owned  
SIC: 3579 Graphic arts splys

**M & G TOOL & DIE CO**  
926 Harrison Ave (07032)  
Phone ..... 201 997-0506  
General Mgr: Giovanni Millocca  
EMP: 25  
SLS: \$1MM-4.9MM (est)  
Privately Owned  
SIC: 3544 3599 Cutting, drilling, boring, general machining, tool & die

**MAC PRODUCTS INC**  
60 Pennsylvania Ave (07032-4595)  
PO Box 469 (07032-0469)  
Phone ..... 201 344-0700  
FAX: 201 344-5891  
President: Edward Gollob  
EMP: 180  
SLS: \$10MM-24.9MM (est)  
Privately Owned  
SIC: 3549 Wire splicing kits

**MARSHALL CLARK MANUFACTURING**  
20-40 Marshall St (07032-1526)  
Phone ..... 201 991-2821  
FAX: 201 991-6981  
Owner: Ivan Rosalsky  
EMP: 75  
SLS: \$5MM-9.9MM (est)  
Privately Owned  
SIC: 3949 Sports-eqpt: bats, balls & head gear

**MASTER PRINTERS**  
159 Midland Ave (07032-3521)  
Phone ..... 201 997-7672  
FAX: 201 997-7344  
President: Julio Donie  
Vice President: Louise Duarte  
EMP: 4 EST: 1982 SQ. FT: 3,000  
SLS: Under \$500K (est)  
Privately Owned  
SIC: 2752 2759 2789 Offset & letterpress printing; plastic, spiral & saddle stitch binding

**MEBANE PACKAGING GROUP**  
Wilkata Div  
300 Hoyt St (07032-3911)  
PO Box 521 (07032-0521)  
Phone ..... 201 991-4800  
Local Toll Free: 800 526-1211  
FAX: 201 997-2514  
President: David Kivett  
V P Finance: Paul Ramano  
EMP: 160 EST: 1922  
SLS: \$10MM-24.9MM (est)  
Publicly Owned  
SIC: 2657 Folding cartons  
HQ: Mebana Packaging Group  
7411 Oakwood Street Ext  
Mebane, NC 27302-9212  
919 563-3516

**MIDLAND PRESS**  
118 Midland Ave (07032-2717)  
Phone ..... 201 991-2946  
Owner: Doris Evank  
General Mgr: Frank Evank  
EMP: 1 EST: 1932 SQ. FT: 2,500  
SLS: Under \$500K (est)  
Privately Owned  
SIC: 2759 2791 2789 Letterpress printing, typesetting, glue & saddle stitch binding

**MULTI-TEX PRODUCTS CORP**  
54 2nd Ave (07032-4014)  
Phone ..... 201 991-7262  
FAX: 201 991-4509  
President: Mickey Dwulat  
EMP: 25  
SLS: \$1MM-4.9MM (est)  
Privately Owned  
SIC: 2281 Metallic yarn

**ODYSSEY PRINTING CO**  
135 Kearny Ave (07032-2313)  
Phone ..... 201 997-1171  
President: Brian Morris  
EMP: 1  
SLS: Under \$500K (est)  
Privately Owned  
SIC: 2752 2791 Offset printing & typesetting

**OWENS-CORNING FIBERGLAS CORP**  
1249 Newark Tpke (07032-4303)  
Phone ..... 201 998-5666  
FAX: 201 998-5938  
Plant Mgr: Fred Ramquist  
EMP: 120 EST: 1935  
SLS: \$25MM-49.9MM (est)  
Publicly Owned  
SIC: 2952 Roofing shingles  
HQ: Owens-Corning Fiberglas Corp  
Fiberglas Tower  
Toledo, OH 43659-0001  
419 248-8000

**PACE SETTER PRODUCTS INC**  
399 Kearny Ave (07032-2603)  
Phone ..... 201 997-1567  
FAX: 201 997-6165  
Owner: Ed Badinski  
Chief Engineer: Ed Fritz  
EMP: 5 EST: 1965 SQ. FT: 3,500  
SLS: \$500-999K (est)  
Privately Owned  
SIC: 3546 3423 3999 Vacuum tweezers & related tools

**PARAGON STEEL & TOOL CO INC**  
339 Bergen Ave (07032-3920)  
Phone ..... 201 997-1676  
FAX: 201 997-4744  
President: Joseph Fisher  
EMP: 4 EST: 1924  
SLS: \$500-999K (est)  
Privately Owned  
SIC: 3546 Pneumatic tools

**PFAFF TOOL & MANUFACTURING CO**  
35 Obrien St (07032-4212)  
PO Box 487 (07032-0487)  
Phone ..... 201 998-9111  
FAX: 201 998-9130  
President: Peter Pfaff

Plant Svr: Gabe Viggiani  
EMP: 100 EST: 1957  
SLS: \$10MM-24.9MM (est)  
Privately Owned  
SIC: 3089 Custom plastic injection molding

**PRIES IRON WORKS**  
24 Johnston Ave (07032-1111)  
Phone ..... 201 991-7382  
FAX: 201 991-7382  
Owner: William Pries  
EMP: 5 EST: 1840 SQ. FT: 10,000  
SLS: Under \$500K (est)  
Privately Owned  
SIC: 3443 3441 3259 Steel, stainless steel & aluminum plate & structural fabricating: tanks & smokestacks

**PROGRESSIVE METHODS INC,**  
KEARNY NJ Moved To  
Hawthorne

**RADIAL CASTINGS CORP**  
70 Pennsylvania Ave (07032-4590)  
Phone ..... 201 344-0333  
FAX: 201 690-5354  
President: Ronald H Landau  
Executive V P: Laura Landow  
Mfg Mgr: Mike Ash  
♦EMP: 35 EST: 1961  
SLS: \$1MM-4.9MM (est)  
Privately Owned  
SIC: 3325 Steel castings

**REED MINERALS**  
Div Harsco Corp  
339 Central Ave (07032-4615)  
Phone ..... 201 589-4440  
FAX: 201 589-4442  
Supt: Eugene Judge  
EMP: 15 EST: 1968  
SLS: \$1MM-4.9MM (est)  
Privately Owned  
SIC: 3295 2952 Slag prdts & roofing granules  
PA: Harsco Corp  
350 Poplar Church Rd  
Camp Hill, PA 17011-2599  
717 763-7064

**ROYAL LUMBER & MILLWORK CO INC**  
455 Schuyler Ave (07032-4106)  
PO Box 443 (07032-0443)  
Phone ..... 201 991-8550  
FAX: 201 998-5658  
President: Nathan Rogoff  
EMP: 11 EST: 1944  
SLS: \$1MM-4.9MM (est)  
Privately Owned  
SIC: 2431 2421 2426 Custom millwork, sawing & cutting; hardwood & softwood lumber

**S O S GASES INC (HQ)**  
1100 Harrison Ave (07032)  
Phone ..... 201 998-7800  
Local Toll Free: 800 626-7998  
FAX: 201 998-5243  
Owner: John DeFillippo  
EMP: 30 EST: 1960  
SLS: \$5MM-9.9MM (est)  
Privately Owned  
SIC: 2813 8731 Indl gases & research

**SCHUYLER PRINTING CO INC**  
71 Kearny Ave (07032-2334)  
Phone ..... 201 997-8083  
FAX: 201 991-3754  
Owner: Will Conlon  
EMP: 5 EST: 1981  
SLS: Under \$500K (est)  
Privately Owned  
SIC: 2752 2791 2789 2759 Commercial-offset & letterpress printing, computer typesetting, padding & saddle stitch binding

**SHEFFIELD PRECISION CERAMICS**  
24 John Hay Ave (07032-4031)  
Phone ..... 201 998-5939



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**Frances L. Carlsen**  
Editorial Manager

PCF000786

# GEOGRAPHIC SECTION

(G-4227) KEARNY

Frank Garcia, Owner  
EMP: 5  
EST. SLS: Under \$500K  
SIC: 3544 3469 Metal stamping, tool & die

(G-4201)  
**B & B CONTAINER CORP**  
39 Rizzolo Rd (07032-4288)  
Phone ..... 201 997-4711  
FAX: 201 937-4702  
Howard Rich, President  
Greg Rich, Sales Mgr  
Matthew Rich, Prtn Mgr  
EMP: 20 EST: 1940  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 2653 Corrugated boxes

(G-4202)  
**BARRY, ELI CO INC**  
331 Berger Ave (07032-3920)  
PO Box 49 (07032-0499)  
Phone ..... 201 955-9200  
Natl Toll Free: 800 262-6162  
FAX: 201 555-9292  
Vincent Larusso, President  
Erik Seitz, Opers Mgr  
EMP: 5  
EST. SLS: Under \$500K  
Privately Owned  
SIC: 2499 Corks & other wine related products

(G-4203)  
**BROOKLYN FOUNDRIES**  
Div Radial Castings Corp  
70 Pennsylvania Ave (07032-4523)  
PO Box 522 (07032-0522)  
Phone ..... 973 344-8633  
FAX: 973 630-5354  
Ronald H Landau, President  
Laura Landau, Exec V P  
Jimmy Reed, Plant Mgr  
EMP: 1953  
Privately Owned  
SIC: 3369 Metal castings  
HQ: Radial Castings Corp  
70 Pennsylvania Ave  
Kearny, NJ 07032  
973 344-0333

**CAMPBELL TOOL INC, KEARNY**  
NJ See Barnett Machine Tool Corp in Harrison NJ

(G-4204)  
**CANNING GUMM INC (HQ)**  
538 Forest St (07032-3606)  
Phone ..... 201 991-4171  
Natl Toll Free: 800 676-4866  
FAX: 201 991-5855  
Bob Sizelove, President  
EMP: 35 EST: 1933  
Privately Owned  
SIC: 2899 Metal finishing chemicals

(G-4205)  
**CAP CITY PRODUCTS CO INC**  
125 Sanford Ave (07032)  
Phone ..... 201 955-2929  
FAX: 201 955-0717  
Anne Marie Conte, CFO  
EMP: 50 EST: 1991  
EST. SLS: \$25MM-49.9MM  
Privately Owned  
SIC: 2841 Powdered laundry detergents

(G-4206)  
**CLEMCO**  
287 Laurel Ave (07032-3632)  
Phone ..... 973 484-8045  
Natl Toll Free: 800 303-8045  
Tom Clemente, Owner  
Kathy Clemente, Owner  
Chris Clemente, Owner  
EMP: 3 EST: 1980  
EST. SLS: Under \$500K  
Privately Owned  
SIC: 2396 Fabric screen printing

(G-4207)  
**CRYSTAL BEVERAGE CORP**  
174 Sanford Ave  
PO Box 393 (07032-0393)  
Phone ..... 201 991-2342

FAX: 201 991-1882  
John Apolinario, President  
Martinho Oliveira, Vice Pres  
Victor Apolinario, Plant Mgr  
EMP: 13 EST: 1979  
SQ. FT: 25,000  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 2086 Soft drink bottling

(G-4208)  
**DOWER METAL FINISHING INC**  
53 2nd Ave # 61 (07032-4013)  
Phone ..... 201 997-3845  
FAX: 201 997-0267  
George Zirk, General Mgr  
EMP: 18 SQ. FT: 10,000  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 3471 Metal finishing

(G-4209)  
**DREW CHEMICAL CORP**  
Div Ashland Chemical Co  
1106 Harrison Ave (07032)  
Phone ..... 201 246-2500  
FAX: 201 246-2585  
John Orłowski, Plant Mgr  
EMP: 90  
EST. SLS: \$25MM-49.9MM  
Publicly Owned  
SIC: 2899 Water treatment chemicals  
DH: Ashland Chemical Co Inc  
1 Drew Plz  
Boonton, NJ 07005  
973 263-7600

(G-4210)  
**DYNASTY METALS INC**  
183 Garfield Ave (07032-4017)  
Phone ..... 201 997-7744  
FAX: 201 997-7488  
Richard Kolodin, President  
Serafina Masullo, Office Mgr  
EMP: 30  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 3471 Metal finishing & polishing

**GUMM, FREDERICK CHEMICAL CO, KEARNY NJ** See Canning Gumm Inc

(G-4211)  
**HONEYWARE INC**  
244 Dukas St (07032-3929)  
Phone ..... 201 997-5900  
FAX: 201 997-4420  
Tony L Sheng, President  
Raymond Sheng, V P Opers  
Lambert Sheng, V P Sales  
EMP: 100 EST: 1974  
SQ. FT: 60,000  
EST. SLS: \$10MM-24.9MM  
Privately Owned  
SIC: 3089 Plastic injection molding

(G-4212)  
**HUMMEL MACHINE & TOOL CO**  
580 Davis Ave (07032-3628)  
Phone ..... 201 991-5200  
FAX: 201 991-2904  
Charles B Hummel, President  
EMP: 50 EST: 1938  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 3599 Machine shop: general & CNC machining

(G-4213)  
**IMMEDICA INC**  
580 Davis Ave (07032-3628)  
Phone ..... 973 912-0026  
EMP: 8  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 3841 Medical orthopedic instruments  
HQ: Immedica Inc  
871 Mountain Ave  
Springfield, NJ 07081  
973 912-0026

(G-4214)  
**JERSEY FASHIONS INC**  
Div Lou Levy & Sons Fashion  
200 Central Ave (07032-4638)  
Phone ..... 973 491-9797  
FAX: 973 491-9785  
Todd Levy, Plant Mgr  
EMP: 200  
EST. SLS: \$10MM-24.9MM  
Privately Owned  
SIC: 2337 Ladies' coats  
HQ: Levy, Lou & Sons Fashion Co  
512 7th Ave  
New York, NY 10018  
212 398-0707

(G-4215)  
**KEARNY SCREW MACHINE CO**  
554 Elm St (07032-3620)  
Phone ..... 201 998-4363  
Otto Carchia, Owner  
EMP: 5  
EST. SLS: Under \$500K  
Privately Owned  
SIC: 3451 Screw machine products

(G-4216)  
**KEARNY SIGNS & ADVERTISING SVC**  
509 Schuyler Ave (07032-4101)  
Phone ..... 201 997-4548  
Favian Milano, Owner  
EMP: 5 EST: 1971 SQ. FT: 7,000  
EST. SLS: Under \$500K  
Privately Owned  
SIC: 3993 Electrical, magnetic, metal, painted & wooden signs

(G-4217)  
**KENNEY STEEL TREATING CORP (HQ)**  
100 Quincy Pl (07032-4098)  
Phone ..... 201 998-4420  
FAX: 201 998-4429  
Jack Dunphy, President  
Jim Dunphy, Vice Pres  
Francis Toner, Plant Mgr  
EMP: 14 EST: 1955  
SQ. FT: 10,600  
Privately Owned  
SIC: 3398 Metal heat treating & brazing

(G-4218)  
**KERNIS DRUM CORP**  
43 Obrien St (07032-4212)  
Phone ..... 201 998-0224  
Privately Owned  
SIC: 3089 Plastic drums

(G-4219)  
**KING FINISHING INC**  
Div P M C Inc  
450 Schuyler Ave (07032-4136)  
Phone ..... 201 997-1880  
FAX: 201 997-8071  
Tom Claxton, Opers Mgr  
EMP: 20 EST: 1971  
SQ. FT: 30,000  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 3399 Powder coatings  
PA: P M C Inc  
12243 Branford St  
Sun Valley, CA 91352  
818 896-1101

**KLEER KAST, KEARNY NJ** See King Finishing Inc

(G-4220)  
**L & R MANUFACTURING CO**  
577 Elm St (07032-3699)  
Phone ..... 201 991-5330  
Natl Toll Free: 800 572-5326  
FAX: 201 991-5870  
James J Lazarus, President  
Paul McNichol, Sales Mgr  
Stacy Ryan, Marketing Mgr  
Stan Blum, Purch Agent  
John Norsteadt, Q C Mgr  
EMP: 150 EST: 1928  
EST. SLS: \$10MM-24.9MM  
Privately Owned  
SIC: 3679 Electronic industrial machinery

(G-4221)  
**L A S PRINTING CO**  
465 Elm St (07032-3513)  
PO Box 287 (07032-0287)  
Phone ..... 201 991-5362  
FAX: 201 991-7367  
Joseph Conti, President  
EMP: 10 EST: 1951  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 2752 2759 2789 2791  
Letterpress & offset printing; computer typesetting; glue, side & saddle stitch binding

(G-4222)  
**M & G TOOL & DIE CO**  
936 Harrison Ave (07032)  
Phone ..... 201 997-0506  
Giovanni Millocca, General Mgr  
EMP: 20  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 3544 3599 7389 Cutting, drilling, boring, general machining, tool & die

(G-4223)  
**MAC PRODUCTS INC**  
60 Pennsylvania Ave (07032-4595)  
PO Box 469 (07032-0469)  
Phone ..... 973 344-0700  
FAX: 973 344-5891  
Edward Gollob, President  
Ed Russnow,  
V P Bus Dvlp & Business Mgr  
Fred Greenberg, V P/Gen Mgr  
EMP: 300  
EST. SLS: \$25MM-49.9MM  
Privately Owned  
SIC: 3549 Wire splicing kits

(G-4224)  
**MARSHALL CLARK MANUFACTURING**  
20 Marshall St # 40 (07032-1526)  
Phone ..... 201 991-2821  
FAX: 201 991-6981  
Ivan Rosalsky, Owner  
Andrew Rodriguez, President  
EMP: 75  
EST. SLS: \$10MM-24.9MM  
Privately Owned  
SIC: 3949 Sports equipment: bats, balls & head gear

(G-4225)  
**MARTIN MANUFACTURING CO INC**  
234 Sanford Ave (07032)  
PO Box 504 Harrison (07029-0504)  
Phone ..... 201 998-9766  
FAX: 201 991-0620  
Joleen Martin, President & Owner  
Thomas Martin, Vice Pres  
EMP: 15 EST: 1975  
EST. SLS: \$1MM-4.9MM  
Privately Owned  
SIC: 3089 Blow molded plastic products

(G-4226)  
**MEBANE PACKAGING GROUP**  
Kearney Div  
300 Hoyt St (07032-3911)  
PO Box 521 (07032-0521)  
Phone ..... 201 991-4800  
Natl Toll Free: 800 526-1211  
FAX: 201 997-2514  
David Kivett, President  
Nancy Cruz, V P Finance  
Virginia Bannon, Persnl Mgr  
Shirley Winter, Q C Mgr  
EMP: 150 EST: 1922  
EST. SLS: \$10MM-24.9MM  
Privately Owned  
SIC: 2657 Folding cartons  
HQ: Mebane Packaging Group  
7411 Oakwood Street Ext  
Mebane, NC 27302  
919 563-3516

(G-4227)  
**MIDLAND PRESS**  
118 Midland Ave (07032-2717)  
Phone ..... 201 991-2946

GEOGRAPHIC



Permit No.: NJ0021016

RECEIVED

Name of Permittee:

JAN 31 10 57 AM '75

Passaic Valley Sewerage Commission

Effective Date: February 28, 1975

DEPT. ENVIR. PROTECT.  
DIV. OF WATER RESOURCES

Expiration Date: June 30, 1977

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
PERMIT TO DISCHARGE**

In reference to the application received from the above-mentioned permittee for a permit authorizing the discharge of pollutants in compliance with the provisions of the Federal Water Pollution Control Act, as amended by the Federal Water Pollution Control Act Amendments of 1972, P. L. 92-500, October 18, 1972 (33 U.S.C. §§1251-1376) (hereinafter referred to as "the Act"),

Passaic Valley Sewerage Commissioners (P.V.S.C.)

(hereinafter referred to as "the Permittee")

is authorized by the Regional Administrator, Region II, U.S. Environmental Protection Agency, to discharge from:

the P.V.S.C. Sewage Treatment Plant, 600 Wilson Avenue, Newark, New Jersey, and other locations noted herein

to receiving waters named Upper New York Bay, Third River, Newark Bay, Passaic River, and other receiving waters noted herein in accordance with the following conditions.

KLL006250



## A. GENERAL CONDITIONS

1. All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such a violation may result in the imposition of civil and/or criminal penalties as provided for in Section 309 of the Act. Facility modifications, additions, and/or expansions that increase the plant capacity must be reported to the permitting authority and this permit then modified or reissued to reflect such changes. Any anticipated change in the facility discharge, including any new significant industrial discharge or significant changes in the quantity or quality of existing industrial discharges to the treatment system that will result in significant new or increased discharges of pollutants must be reported to the Regional Administrator. Modifications to the permit may then be made to reflect any necessary changes in permit conditions, including any necessary effluent limitations for any pollutants not identified and limited herein. In no case are any new connections, increased flows, or significant changes in influent quality permitted that will cause violation of the effluent limitations specified herein.
2. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:
  - a. violation of any terms or conditions of this permit;
  - b. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or,
  - c. a change in any condition that required either a temporary or permanent reduction or elimination of the permitted discharge.
3. Notwithstanding 2. above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee shall be notified.
4. The permittee shall allow the head of the State water pollution control agency, the Regional Administrator, and/or their authorized representatives, upon the presentation of credentials:

KLL006251

- a. to enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit;
  - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;
  - c. to inspect at reasonable times any monitoring equipment or monitoring method required in this permit;
  - d. to sample at reasonable times any discharge of pollutants;
  - e. to inspect the operation of the treatment facilities.
5. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations; nor does it obviate the necessity of obtaining State or local assent required by law for the discharge authorized.
6. This permit does not authorize nor approve the construction of any onshore or offshore physical structures of facilities or the undertaking of any work in any navigable waters.
7. Except for data determined to be confidential under Section 308 of the Act, all monitoring reports required by this permit shall be available for public inspection at the offices of the head of the State water pollution control agency and the Regional Administrator. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.
8. The diversion or bypass of any discharge from the treatment works by the permittee is prohibited, except: (1) where unavoidable to prevent loss of life or severe property damage; or (2) where excessive storm drainage or runoff would damage any facilities necessary for compliance with the terms and conditions of this permit. The permittee shall notify the Regional Administrator in writing within 72 hours of each diversion or bypass in accordance with the procedure specified above for reporting non-compliance. Within 30 days after such incident the permittee shall submit to EPA for approval a plan to prevent recurrence of such incidents. Normal operation of overflows and bypasses (listed in Section C-1) should not be reported under the requirements of this condition. The notification and plan herein required apply only to discharges resulting from unusual situations such as breakdowns, power failures, and bypasses occurring during dry weather periods. A summary description of discharges from bypass points should be submitted with the permittee's quarterly self-monitoring reports.

KLL006252

9. If for any reason the permittee does not comply with or will be unable to comply with any effluent limitation (treated effluent discharges) specified in this permit, or should any unusual or extraordinary discharge of wastes occur from the facilities herein permitted, the permittee shall immediately notify the Regional Administrator and appropriate State agency by telephone and provide the same authorities with the following information in writing within five days of such notification:
  - a. A description of the non-complying discharge including its impact upon the receiving waters.
  - b. Cause of non-compliance.
  - c. Anticipated time the condition of non-compliance is expected to continue, or if such condition has been corrected, the duration of the period of non-compliance.
  - d. Steps taken by the permittee to reduce and eliminate the non-complying discharge.
  - e. Steps to be taken by the permittee to prevent recurrence of the condition of non-compliance.
10. Permittee shall take all reasonable steps to minimize any adverse impact to navigable waters resulting from non-compliance with any effluent limitation specified in this permit. The permittee will also provide accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.
11. Except as provided in permit condition 8 on bypassing, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for non-compliance.
12. Nothing in this permit shall be construed to preclude the institution of any legal action nor relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act.
13. In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Regional Administrator and the State water pollution control agency.

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14. The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
15. The permittee shall require the municipalities using the PVSC treatment works to report the following conditions to the permittee; the permittee shall then provide notice of the following to the Regional Administrator:
  - a. any new introduction of pollutants into such treatment works from a source which would be a new source as defined in section 306 of the Act if such source were discharging pollutants;
  - b. any new introduction of pollutants which exceeds 10,000 gallons on any 1 day into such treatment works from a source which would be subject to section 301 of the Act if such source were discharging pollutants; and,
  - c. any substantial change in volume or character of pollutants being introduced into such treatment works by a source introducing pollutants into such works at the time of issuance of the permit.

Such notice shall include information on the quality and quantity of effluent to be introduced into such treatment works; and an anticipated impact of such change in the quantity or quality of effluent to be discharged from such publicly owned treatment works.

16. The permittee shall require any industrial user of such treatment works to comply with the requirements of section 204(b), 307, and 308 of the Act. For compliance with section 204(b) of the Act, the permittee shall comply with Special Condition #3 of Federal Construction Grant No. C-34-369, and shall establish a system of user charges and industrial cost recovery in accordance with proposed regulations amending 40 CFR, Part 35, published in the Federal Register dated May 22, 1973, or any subsequent revisions.

For compliance with section 307 of the Act, the permittee shall meet the data collection, and other requirements of section C-2, "Schedule of Compliance for Industrial Discharge Information" in this permit.

KLL006254

17. The permittee shall require any industrial user of storm sewers owned by the PVSC to comply with the requirement of section 308 of the Act.
18. The United States Army Corps of Engineers conducts maintenance dredging of navigable waters and their tributaries pursuant to certain Federal statutes. The permittee should be aware of the possible responsibilities under the maintenance dredging program. Under these laws, any person, firm or other entity discharging suspended solids into a navigable waterway of the United States, or tributary thereof, which contributes to the necessity for maintenance dredging of that waterway may be required to participate in the maintenance dredging program.

KLL006255

**B. REQUIRED EFFLUENT LIMITATIONS AND MONITORING  
AND OPERATIONAL REQUIREMENTS**

**1.A. REQUIRED EFFLUENT LIMITATIONS**

During the period beginning on the effective date of this permit and lasting until the date of expiration of this permit, discharges shall be limited and monitored by the permittee as specified below:

- a. A significant removal of settleable solids shall be achieved.
- b. See Table I.
- c. The permittee shall act to significantly reduce the concentration of floating solids prior to discharge and, except as specifically authorized in this permit, the permittee shall not discharge visible foam.
- d. The effluent values for pH shall remain within the limits of 6.0 to 9.0.
- e. From information supplied by the permittee, the design average daily flow of 225 MGD is regularly being exceeded. The preceding effluent limitations will be the determining factors in judging if this facility is adequately treating its wastewater.

**1.B. ADDITIONAL EFFLUENT LIMITATION**

Starting on May 15, 1975<sup>\*</sup>, the chlorination facilities shall be operated continuously year round. A chlorine residual concentration of not less than 0.5 mg/l shall be maintained in the effluent at all times unless the permittee demonstrates compliance with the following:

The geometric mean of the fecal coliform bacteria values for effluent samples collected in a period of 30 consecutive days shall not exceed 200 per 100 milliliters. The geometric mean of these values for effluent samples collected in a period of seven consecutive days shall not exceed 400 per 100 milliliters.

\* Subject to change to an earlier date if so determined by the New Jersey Department of Environmental Protection after conclusion of their administrative hearing procedure presently underway.

KLL006256

## 2. FACILITY OPERATION AND QUALITY CONTROL

All waste collection, control, treatment and disposal facilities shall be operated in a manner consistent with the following:

- a. At all times, all facilities shall be operated as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants.
- b. The permittee shall provide an adequate operating staff which is duly qualified to carry out the operation, maintenance and testing functions required to insure compliance with the conditions of this permit.
- c. Routine maintenance of treatment facilities that results in degradation of effluent quality shall be scheduled during non-critical water quality periods and shall be carried out in a manner approved by the permitting authority.
- d. Under no circumstances shall the permittee allow introduction of the following wastes into the waste treatment system:
  - aa. Wastes which create a fire or explosion hazard in the treatment works.
  - bb. Wastes which will cause corrosive structural damage to treatment works.
  - cc. Solid or viscous substances in amounts which cause obstructions to the flow in sewers or interference with the proper operation of the treatment works.
  - dd. Wastewaters, at a flow rate and/or pollutant discharge rate which is excessive over relatively short time periods so as to cause a loss of treatment efficiency. This condition does not constitute an exception to condition C-4(A)(1)(2).

## 3. SELF-MONITORING AND REPORTING REQUIREMENTS

- a. The permittee shall effectively monitor the operation and efficiency of all treatment and control facilities and the quantity and quality of the treated discharge. Monitoring data required by this permit shall be summarized on an average calendar month basis. Individual reports are to be submitted on a quarterly basis. Duplicate original copies of the discharge monitoring report form (EPA Form 3320-1), properly completed and signed by the permittee, must be submitted within 28 days after the end of each report period to the

KLL006257

Regional Administrator and the State Agency at the following addresses:

U. S. Environmental Protection Agency  
Region II  
Status of Compliance Branch  
25 Federal Plaza  
New York, New York 10007

Director  
Division of Water Resources  
New Jersey Department of  
Environmental Protection  
Labor & Industry Building  
P. O. Box 1390  
Trenton, New Jersey 08625

Quarterly reports will be required for periods beginning on the first day of the first month following the issuance of this permit. The data collected and submitted shall include the following parameters and testing frequencies:

See Table I

Samples and measurements of the effluent taken to achieve compliance with the monitoring requirements specified above shall be taken at the point of combined flow into the outfall sewer.

Samples and measurement of the influent wastewater taken to meet the monitoring requirements specified above shall be taken at the point of plant inflow.

b. Sampling and Analysis Methods

Other measurements of oxygen demand can be substituted for Biochemical Oxygen Demand (BOD) where the permittee can demonstrate long-term correlation of the method with BOD values. Substitution of such measurements must receive prior approval of the permitting authority.

The analytical and sampling methods used shall conform to the latest edition of the reference methods listed below. (These are interim references to be replaced by Sec. 304(g) guidelines when available.) However, different but equivalent methods are allowable if they receive the prior written approval of the permitting authority.

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1. STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATERS, 13th edition, 1971, American Public Health Association, New York, New York 10019.
2. A. S. T. M. STANDARDS, PART 23, WATER; ATMOSPHERIC ANALYSIS, 1972, American Society for Testing and Materials, Philadelphia, Pa. 19103.
3. METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES, April 1971, U.S. Environmental Protection Agency, Water Quality Office, Analytical Quality Control Laboratory, 1014 Broadway, Cincinnati, Ohio 45202.

The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to insure accuracy of measurements.

#### 4. RECORDING

The permittee shall record for all samples the date and time of sampling, the sampling method used, the date analyses were performed, the identity of the analysts, and the results of all required analyses and measurements.

All sampling and analytical records mentioned in the preceding paragraph shall be retained for a minimum of three years. The permittee shall also retain all original recordings from any continuous monitoring instrumentation, and any calibration and maintenance records, for a minimum of three years. These periods will be extended during the course of any unresolved litigation, or when so requested by the Regional Administrator.

#### 5. SOLIDS DISPOSAL

Collected screenings, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into navigable waters or their tributaries.

The permittee shall cooperate with the U.S. Environmental Protection Agency in the development of a sludge management program aimed at eliminating ocean disposal of sludge, and shall cooperate with other operating agencies in exploring solutions to sludge management and disposal problems.

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TABLE I  
SELF-MONITORING REQUIREMENTS (Discharge 001) 1/

<u>Parameter</u>	<u>Minimum Monitoring Requirements</u>	
	<u>Measurement Frequency</u>	<u>Sample Type</u>
Total Flow, mgd	Continuous	N/A
BOD, mg/l	Daily	24-hr composite
BOD, lbs/day*		
Settleable Solids, ml/l	6 per day	Grab
Suspended Solids, mg/l	Daily	24-hr composite
Suspended Solids, lbs/day*		
Residual Chlorine, mg/l 2/	6 per day	Grab
Fecal Coliform, N per 100 ml 2/	Daily	Grab
pH	6 per day	Grab

1/ Except where indicated influent and effluent measurement and testing are required.

2/ Only effluent testing required.

\* To be calculated using actual flow and actual testing results for parameters noted.

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SECTION C

Special Conditions and Schedules for Compliance with  
Permit Limitations

Contents

- C-1. Descriptive Listing of Discharge Points
- C-2. Industrial Discharge Compliance Schedule
- C-3. Sewer System Evaluation and Rehabilitation Compliance Schedule
- C-4. Wet Weather Flow Study Compliance Schedule
- C-5. Facilities Upgrading Compliance Schedule

Compliance Reporting Requirements (1)

The Permittee shall comply with the following schedules and shall report to the Regional Administrator and the State Agency within 14 days following each date on the schedules detailing its compliance or non-compliance (2) with the schedule date and requirements.

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C-1 Descriptive Listing of Discharge Points

A. Discharge Points Owned by the Permittee

<u>Discharge Serial Number and Receiving Water</u>	<u>Discharge Description and Location (approximate U.S.G.S. Cor.)</u>
#001 Upper New York Bay	Outfall for treated effluent, extends 3200 feet from shore to a depth of 40-60 feet. (40°42'45"N, 74°03'42" W)
#002 Newark Bay	Newark Bay Bypass for treated effluent. (40°42'45"N, 74°07'24"W)
#003 Confluence of Third River and Passaic	Yantacaw St. Bypass, Clifton (40°49'17"N, 74°07'53" W)
#004 Confluence of Third River and Passaic River	Yantacaw Pumping Station Overflow, Clifton (40°49'16" N, 74°07'56" W)
#005 Passaic River	Wallington Pump Station Bypass, Wallington (40°51'26" N, 74°07'9"W)
#006 Passaic River	North Arlington Branch Overflow North Arlington (40°47'12"N 74°07'51"W)
#007 Passaic River	Hudson St. Overflow, Paterson (40°55'27" N, 74°10'7" W)

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- B. Discharge Points Not Owned by the Permittee which work in conjunction with the Permittee's System and which are to be included as part of Section C-4 wet weather flow study.

<u>Discharge Serial Number and Receiving Water</u>	<u>Discharge Description and Location (approximate U.S.G.S. Cor.)</u>
#008 Passaic River	East Newark, Central Avenue Overflow (40°35'03" N, 74°09'55" W)
#009 Passaic River	Garfield, Garden State Bypass (40°53'10" N, 74°07'44" W)
#010 Passaic River	New Street, Harrison Overflow (40°44'49"N, 74°09'56" W)
#011 Passaic River	Cleveland Street, Harrison Overflow (40°44'45"N, 74°09'56" W)
#012 Passaic River	Harrison Avenue, Harrison Overflow (40°44'42" N, 74°09'56" W)
#013 Passaic River	Dey Street, Harrison Overflow (40°44'33" N, 74°09'53" W)
#014 Passaic River	Middlesex Street, Harrison Overflow (40°44'33" N, 74°09'53" W)
#015 Passaic River	Bergan Street, Harrison Overflow (40°44'25" N, 74°09'49" W)
#016 Passaic River	Worthington Ave., Harrison Overflow (40°44'21" N, 74°08'41" W)
#017 Passaic River	Stewart Ave., Kearny Overflow (40°46'46" N, 74°07'55" W)

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#018 Passaic River	Washington Ave., Kearny Overflow (40°46'37" N, 74°08'00" W)
#019 Passaic River	Bergen Ave., Kearny Overflow (40°45'43" N, 74°09'40" W)
#020 Passaic River	Hairn Ave., Kearny Overflow (40°45'33" N, 74°09'46" W)
#021 Passaic River	Marshall Street, Kearny Overflow (40°45'24" N, 74°09'51" W)
#022 Passaic River	Johnston Ave., Kearny Overflow (40°45'16" N, 74°09'52" W)
#023 Franks Creek thence to Passaic River	Ivy Street, Franks Creek Overflow, Kearny (40°45'34" N, 74°08'30" W)
#024 Franks Creek thence to Passaic River	Bergen St., Franks Creek Overflow, Kearny (40°45'09" N, 74°08'14" W)
#025 Franks Creek thence to Passaic River	Tappan St., Franks Creek Overflow, Kearny (40°45'01" N, 74°08'12" W)
#026 Franks Creek, a tributary of the Passaic River	Duke St., Franks Creek Overflow, Kearny (40°44'58" N, 74°08'10" W)
#027 Passaic River	Lodi force main bypass, Passaic (45°51' 25" N, 74°07'13" W)
#028 Passaic River	Verona Ave., Newark Bypass (40°46'35" N, 74°09'07" W)
#029 Passaic River	Delavan Ave., Newark Bypass (40°46'11" N, 74°09'29" W)

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#031 Passaic River	Third Ave., Newark Bypass (40°45'28" N, 74°09'55" W)
#032 Passaic River	Fourth Ave., Newark Bypass (40°45'22" N, 74°09'56" W)
#033 Passaic River	Clay Street, Newark Bypass (40°45'03" N, 74°09'58" W)
#034 Passaic River	Orange Street, Newark Bypass (40°44'47" N, 74°10'01" W)
#035 Passaic River	Bridge Street, Newark Bypass (40°44'41" N, 74°10'00" W)
#036 Passaic River	Rector Street, Newark Bypass (40°44'29" N, 74°09'56" W)
#037 Passaic River	Saybrook Place, Newark Bypass (40°44'26" N, 74°09'44" W)
#038 Passaic River	City Dock, Newark Bypass (40°44'07" N, 74°09'44" W)
#039 Passaic River	Jackson Street, Newark Bypass (40°43'59" N, 74°09'19" W)
#040 Passaic River	Polk Street, Newark Bypass (40°43'59" N, 74°09'14" W)
#041 Passaic River	Freeman Street, Newark Bypass (40°44'02" N, 74°08'46" W)
#042 Passaic River	Curtis Pl., Paterson Overflow (40°55'11" N, 74°10'34" W)
#043 Passaic River	Mulberry St., Paterson Overflow (40°55'12" N, 74°10'33" W)

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#044 Passaic River	West Broadway, Paterson Overflow (40°55'14" N, 74°10'31" W)
#045 Passaic River	Bank St., Paterson Overflow (40°55'18" N, 74°10'27" W)
#046 Passaic River	Bridge St., Paterson Overflow (40°55'23" N, 74°10'14" W)
#047 Passaic River	Montgomery St., Paterson Overflow (40°55'29" N, 74°10'03" W)
#048 Passaic River	Straight St., Paterson Overflow (40°55'33" N, 74°09'59" W)
#049 Passaic River	Franklin St., Paterson Overflow (40°55'36" N, 74°09'57" W)
#050 Passaic River	Keepe St., Paterson Overflow (40°55'37" N, 74°09'56" W)
#051 Passaic River	Warren St., Paterson Overflow (40°55'40" N, 74°09'55" W)
#052 Passaic River	Sixth Avenue, Paterson Overflow (40°56'03" N, 74°10'01" W)
#053 Passaic River	East 5th St. and Fifth Ave., Paterson Overflow (40°56'11" N, 74°09'48" W)
#054 Passaic River	East 11th St., Paterson Overflow (40°56'13" N, 74°09'26" W)
#055 Passaic River	Fourth Ave., Paterson Overflow (40°56'14" N, 74°09'22" W)

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#056 Passaic River	S.U.M. Park, Paterson Overflow (40°55'05" N, 74°10'46" W)
#057 Passaic River	North West St., Paterson Overflow (40°55'17" N, 74°10'33" W)
#058 Passaic River	Arch Street, Paterson Overflow (40°55'24" N, 74°10'14" W)
#059 Passaic River	Jefferson St., Paterson Overflow (40°55'26" N, 74°10'11" W)
#060 Passaic River	Stout St., Paterson Overflow (40°55'29" N, 74°10'09" W)
#061 Passaic River	North Straight St., Paterson Overflow (40°55'35" N, 74°10'00" W)
#062 Passaic River	Bergen St., Paterson Overflow (40°55'44" N, 74°09'57" W)
#063 Passaic River	Short St., Paterson Overflow (40°55'53" N, 74°10'05" W)
#064 Passaic River	Second Ave., Paterson Overflow (40°56'18" N, 74°08'35" W)
#065 Passaic River	Third Ave., Paterson Overflow (40°56'10" N, 74°08'30" W)
#066 Passaic River	33 Street and Tenth Ave., Paterson Overflow (40°55'25" N, 74°08'28" W)
#067 Passaic River	20th Ave., Paterson Overflow (40°54'21" N, 74°07'59" W)
#068 Passaic River	Market Street, Paterson Overflow (40°54'08" N, 74°08'05" W)

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#069  
Passaic

Passaic Tail Race, Passaic Bypass  
(40°51'27" N, 74°07'13" W)

#070  
Passaic River

Dundee Island Lateral, Passaic  
Overflow  
(40°51'52" N, 74°06'40" W)

#071  
Passaic River

Woodward Ave., Rutherford  
Overflow  
(40°49'52" N, 74°07'15" W)

#072  
Passaic River

Pierrepont Ave., Rutherford  
Overflow  
(40°49'40" N, 74°07'18" W)

#073  
Passaic River

Rutherford Ave., Rutherford Overflow  
(40°49'20" N, 74°07'25" W)

#074  
Passaic River

Second River Joint Meeting, Newark  
Bypass  
(40°46'36" N, 74°09'05" W)

Addendum

#030  
Passaic River

Herbert Place, Newark Bypass  
(40°45'55" N, 74°09'35" W)

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## C-2. SCHEDULE OF COMPLIANCE FOR INDUSTRIAL DISCHARGE INFORMATION

It is apparent that other pollutants attributable to inputs from major contributing industries using the municipal system are also present in the facility's discharge. At such time as sufficient information becomes available to establish limitations for such pollutants, this permit may be revised to specify effluent limitations for any or all of such other pollutants in accordance with best practicable industrial technology requirements or water quality standards.

- A. Not later than August 31, 1975, the permittee shall initiate whatever actions are needed to enable the permittee to enforce all pre-treatment requirements necessary to insure compliance with the terms and conditions of this permit as well as to insure compliance by all major contributing industries with the pre-treatment standards and any other applicable regulations promulgated pursuant to Sections 307 and 308 of the Act.

By August 31, 1975, the permittee shall notify the Regional Administrator and State Agency of the actions it intends to take to comply with the above requirement.

The permittee shall require each major contributing industry to submit to the permittee periodic notice (at intervals not to exceed 9 months) regarding specific actions taken to achieve full compliance with the requirements of Section 307. On the last day of the months of March and September, the permittee shall submit to the permit issuing authority a report summarizing the progress of all known major contributing industries subject to the requirements of Section 307 towards achieving full compliance with such requirements. Such reports shall include, at least, the following information:

- (1) A narrative summary of actions taken by the permittee to develop, promulgate, and enforce its own industrial waste regulations, as well as its own legislation and thereby ensure that all major contributing industries comply with the requirements of Section 307.
- (2) The number of major contributing industries using the treatment works, divided into SIC group categories.
- (3) The number of major contributing industries known to be in full compliance with the requirements of Section 307, or not subject to these requirements; e.g., discharge only compatible pollutants.

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- (4) A list identifying by name those major contributing industries known to be presently in violation of the requirements of Section 307.

These semi-annual reports must be filed with the permitting authority by March 31 and September 30 of each year until compliance is achieved. Submission would be required again only if a major contributing industry reverts to violating the requirements of Section 307.

- B. Immediately upon issuance of this permit, the permittee shall establish and implement a procedure to obtain from all major contributing industries specific information on the quality and quantity of effluents introduced by such industrial users. The following information shall be reported to the permitting agency on a semi-annual basis beginning March 31, 1975; semi-annual reports reflecting no change from the previous reporting period may simply relate this fact without submitting repetitive data. These reports should follow the format outlined in the Appendix to this compliance schedule. All required data must be submitted before March 31, 1976.

It shall be the responsibility of the Permittee to compute and include in the semi-annual reports the "best practicable" effluent limitations and to determine and implement necessary pre-treatment requirements (as provided for in 40 CFR Part 128) for the major contributing industries. In computing the allowable industrial inputs, the permittee shall utilize the applicable industrial effluent guidelines as published in the Federal Register.\* In the first semi-annual report (due March 31, 1975), the permittee shall propose a schedule for determining the required pre-treatment information and, after approval by the permitting authority, shall implement the schedule. After receipt of the pre-treatment data, this permit may be amended to reflect the PVSC'S effluent requirements for incompatible pollutants.

NOTE: A major contributing industry is one that: (a) has a flow of 50,000 gallons or more per average workday; (b) has a flow greater than 5% of the flow carried by the municipal system receiving the waste; (c) has in its waste a toxic pollutant in toxic amounts as defined in standards issued under Section 307 (a) of the Act; or (d) has significant impact, either singly or in combination with other contributing industries, on the treatment works or the quality of its effluent.

\* If the permittee is unable to compute effluent limitations for any industrial source category, the permittee shall so notify the permit issuing authority. After such notification, the permit issuing authority will either assume the responsibility for such calculations or will assist the permittee in computing effluent limitations for that industrial source category.

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## APPENDIX TO INDUSTRIAL COMPLIANCE SCHEDULE

To comply with the industrial discharge reporting requirements outlined above, the following procedure should be utilized for each major contributing industry:

Using the following format, a description of each major contributing industry discharging to the municipal system should be prepared. A separate set of six questions should be completed for each major industrial user.

See "Section IV" of "Standard Form A" (attached).

It is the responsibility of the permittee to obtain the required information for all major industrial contributors to his facility, including those contributing via another system. Actual data should be provided, if available; otherwise the best estimate should be provided and the response marked "interim." If certain of the requested information does not apply, it should be marked "N. A."

Specific instructions follow: (Question numbers refer to those on the sheet entitled "Standard Form A - Municipal".)

QUESTION 1 - MAJOR CONTRIBUTING FACILITY: - Give the name and address that designates the location of the industrial facility.

QUESTION 2 - PRIMARY STANDARD INDUSTRIAL CLASSIFICATION CODE: - Using four-digit standard industrial classification (SIC) codes, indicate the type of industrial facility that is discharging into the municipal system. Standard industrial classification (SIC) code numbers and descriptions may be found in the 1972 edition of the "Standard Industrial Classification Manual" prepared by the Executive Office of the President, Office of Management and Budget, which is available from the Government Printing Office, Washington, D. C. Do not use previous editions of the manual. Copies are also available for examination at State water pollution control offices, Regional Offices of the U. S. Environmental Protection Agency, and at most public libraries.

QUESTION 3 - PRINCIPAL PRODUCT OR RAW MATERIAL: Specify either the principal product or the principal raw material and the maximum quantity per day produced or consumed. Quantities are to be reported in the units of measurement given in Table B for particular SIC cate-

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gories. Enter the letter-number code from the "Code" column in Table B for the units selected under "Units." For SIC categories not listed, use the units of measurements normally used by that industry.

**QUESTION 8:** Indicate the characteristics of the wastewater from the contributing industry in terms of parameters that will adequately identify the waste, such as BOD, COD, Cr, Zn, pH units, degrees Fahrenheit, etc. The characteristics should be indicative of the waste stream after any pre-treatment is provided by the industrial facility but prior to entering the municipal system.

In addition to parameter names, report values in units specified in Table A. The first column, "Parameter & Units," indicates the preferred units for reporting data for a given parameter. The second column, "Method," lists the preferred analytical method, if any, for determining the required parameter values. The next three columns, "References," give the page numbers in standard reference works where a detailed description of the recommended analytical technique given under "Method" can be found. These standard references are:

1. STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATERS, 13th edition, 1971, American Public Health Association, New York, New York 10019.
2. A. S. T. M. STANDARDS, PART 23, WATER; ATMOSPHERIC ANALYSIS, 1972, American Society for Testing and Materials, Philadelphia, Pa. 19103.
3. EPA METHODS FOR CHEMICAL ANALYSIS OF WATER AND WASTES, April 1971, Environmental Protection Agency, Water Quality Office, Analytical Quality Control Laboratory, 1014 Broadway, Cincinnati, Ohio 45202.

Copies of these publications are available from the above sources, or for review in the Regional Offices of the U.S. Environmental Protection Agency or the State Water Control Board.

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The last column, "Data Reporting Level," indicates that nearest significant figure (digit) to which the data must be reported. For example, the figure X for chloride indicates that chloride data must be reported to the nearest whole milligram per liter. This level should not be confused with "detectable limits"; applicable detection limit information can be obtained from the appropriate reference source.

Additional information obtained through the permittee's "Waste Effluent Survey" description shall be submitted for each major industry. Such additional information should include:

- (1) A brief description of industrial operations.
- (2) The quantity of water used by the industry for the preceding year, classified according to source; i.e., purchased water, well water, river water.
- (3) A description of the date and timespan of samples reported in answer to Question number 6 of "Section IV."
- (4) A description of the industry's flow variation, including hours of discharge and maximum, minimum and average flow rates.

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## STANDARD FORM A-MUNICIPAL



## SECTION IV. INDUSTRIAL WASTE CONTRIBUTION TO MUNICIPAL SYSTEM Page of

Submit a description of each major industrial facility discharging to the municipal system, using a separate Section IV for each facility description. Indicate the 4 digit Standard Industrial Classification (SIC) Code for the industry, the major product or raw material, the flow (in thousand gallons per day), and the characteristics of the wastewater discharged from the industrial facility into the municipal system. Consult Table III for standard measures of products or raw materials. (see instructions)

## 1. Major Contributing Facility

(see instructions)  
Name

Number &amp; Street

City

County

State

Zip Code

## 2. Primary Standard Industrial Classification Code (see instructions)

## 3. Principal Product or Raw Material (see instructions)

Product

Raw Material

## 4. Flow Indicate the volume of water discharged into the municipal system in thousand gallons per day and whether this discharge is intermittent or continuous.

## 5. Pretreatment Provided Indicate if pretreatment is provided prior to entering the municipal system

## 6. Characteristics of Wastewater (see instructions)

401A

401B

401C

401D

401E

401F

402

403a

403b

404a

404b

405

Quantity

Units (See Table III)



\_\_\_\_\_ thousand gallons per day

☐ Intermittent (int) ☐ Continuous (con)☐ Yes ☐ No

Parameter Name							
Parameter Number	406a						
Value	406b						

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C-3. SEWER SYSTEM EVALUATION AND REHABILITATION  
COMPLIANCE SCHEDULE

- A. The permittee has, in accordance with 40 CFR 35.927, initiated a Sewer System Evaluation and Rehabilitation Program. The permittee shall, by August 31, 1976, submit to both the Regional Administrator and the NJDEP the results of Phase I (Infiltration/Inflow Analysis) of this program.
- B. If it is determined by the results obtained from the Infiltration/Inflow Analysis that the Sewer System Evaluation and Rehabilitation Program is to continue, the permittee shall, within one month of approval of the Analysis (Phase I) Report by the USEPA and the NJDEP, submit a program for Phase II (Field Investigation and Survey), together with a proposed Engineering Contract for said work and an application for a Federal grant for this work. Within two months of approval by the USEPA of this program, contract and a grant, the permittee shall execute the contract and start Phase II of the program.
- C. Upon completion by the permittee of Phase II of the Sewer System Evaluation and Rehabilitation Program and after approval by the Regional Administrator and the NJDEP of the results of Phase II, this permit may be revised to incorporate a compliance schedule for construction or rehabilitation (Phase III) recommended by Phase II.

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#### C-4. WET WEATHER FLOW STUDY COMPLIANCE SCHEDULE

##### A. Operation of Systems with Combined Sewers

###### i. General Requirements

1. The permittee shall operate the treatment works, including the treatment plant and total sewer system, to minimize discharge of the pollutants listed in the permit from combined sewer overflows or bypasses.
2. No new sources of stormwater inflow shall be connected to any separate sanitary sewers in the sewer system.

###### ii. Preliminary Requirements

###### 1. Report on Maximum Treatable Flow Rates

The permittee must report to the Regional Administrator and the State agency by August 31, 1975, the maximum treatable flow rates for the treatment plant or any complete unit process. The maximum treatable flow rates must be at least equal to one of the following:

- a. The maximum hydraulic flow rate for which the treatment plant was designed, or the maximum hydraulic flow rate for which the treatment plant can provide partial treatment.
- b. The maximum flow rate that can be delivered to the plant without causing seriously adverse conditions, such as substantial property damage, in the interceptor and lateral sewer system.

The permittee shall operate the system so as to achieve the maximum treatable flow.

2. In lieu of the above, The permittee may submit a detailed operational plan designed to minimize pollutant discharges from the treatment and sewer system. The permittee must demonstrate that, if implemented, the plan would provide for a lower discharge of pollutants from the system during wet weather than that occurring if the hydraulic flow were treated during wet weather at the limiting flow rate in B.1. above. The treatment plant and sewer system shall be operated in accordance with this plan.

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3. The permittee shall also report by February 28, 1977, to the permit issuance authority a proposed method for estimating the number and location of new sewer connections which will be served by combined sewers for the duration of the permit. The permittee shall also report by February 28, 1979, a proposed method for estimating the impact of the additional flows generated by these new sewer connections on the volume of discharges from the combined sewer system. This method shall be used in the development of the operational plan required in Section 111, below.

#### 111. Operational Plan

An interim operational plan designed to minimize the discharge of pollutants from combined sewer overflows and bypasses must be submitted by the permittee to the Regional Administrator and the State Agency by June 30, 1976. The plan will provide for optimal coordinated operation of the sewage treatment plant and contributing sewer systems. The plan will specifically:

1. Refine the estimate of maximum treatable flow.
2. If applicable, report the number, location, types, and kinds of regulators and their respective operating history, maintenance program, and performance efficiency.
3. Report the calculated or estimated storage capacities of the sewer system upstream from all control devices such as pump stations and regulators, or combined sewer discharges.
4. Provide operational procedures for utilizing at least 80% of the available capacity of interceptors and trunk lines upstream of any control devices such as pump stations, or regulators prior to any discharge from a combined sewer overflow or bypass; or provide, if such storage capacity utilization cannot be achieved with existing control devices, the operational procedures for maximizing the use of storage prior to any combined sewer discharge.
5. Provide a method to determine if the upstream storage capacity was utilized prior to any discharge from the combined sewer system.

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3. The permittee shall also report by February 28, 1976, to the permit issuance authority a proposed method for estimating the number and location of new sewer connections which will be served by combined sewers for the duration of the permit, and a proposed method for estimating the impact of the additional flows generated by these new sewer connections on the volume of discharges from the combined sewer system. This method shall be used in the development of the operational plan required in Section 111, below.

*SUPERSEDED*  
*INSERTION*  
*see revision*

### 111. Operational Plan

An interim operational plan designed to minimize the discharge of pollutants from combined sewer overflows and bypasses must be submitted by the permittee to the Regional Administrator and the State agency by June 30, 1976.

The plan will provide for optimal coordinated operation of the sewage treatment plant and contributing sewer systems. The plan will specifically:

1. Refine the estimate of maximum treatable flow.
2. If applicable, report the number, location, types, and kinds of regulators and their respective operating history, maintenance program, and performance efficiency.
3. Report the calculated or estimated storage capacities of the sewer system upstream from all control devices such as pump stations and regulators, or combined sewer discharges.
4. Provide operational procedures for utilizing at least 80% of the available capacity of interceptors and trunk lines upstream of any control devices such as pump stations, or regulators prior to any discharge from a combined sewer overflow or bypass; or provide, if such storage capacity utilization cannot be achieved with existing control devices, the operational procedures for maximizing the use of storage prior to any combined sewer discharge.
5. Provide a method to determine if the upstream storage capacity was utilized prior to any discharge from the combined sewer system.

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6. Analyze the effect on the total volume of combined sewer discharges of new sewer connections anticipated for the duration of the permit. If these additional connections are expected to increase the total volume of discharges for like meteorological conditions, the plan must provide a method for the prevention of this increase by regulation or control of new connections and/or an offsetting of any added flows by such means as sewage and inflow reduction, in-system flow routing, and treatment and enlargement of sewer and treatment capacity.

## B. Monitoring of Systems with Combined Sewers

### i. General Requirements

Point sources so noted in Section C-1, are overflows resulting when the hydraulic flow capacity of the system has been exceeded.

These discharge points may be utilized for wet weather overflows or bypasses to the extent specified by the approved preliminary report and interim operational plan. For all overflows the permittee is required to take the following actions:

In conjunction with the permittee's Infiltration/Inflow Analysis the permittee shall take measurements at overflow stations and at bypass points to determine overflows due to both infiltration and inflow. Such overflows shall be related to rainfall wherever possible, and time-duration curves shall be developed to establish both peak rates and total quantity overflowed insofar as may be possible. Sampling of such overflows shall be undertaken to determine the quality of the bypassed storm water flows and its effect on the River. The results of such analyses shall be included in the report required August 31, 1976.

(see Condition C-3(A) on Infiltration/Inflow Analysis).

### ii. Reporting Results

Included in the report required above, or in a separate report to be submitted by June 30, 1977, the permittee shall make recommendations concerning the alternative plans for corrective action along with recommendations for alleviating and/or treating overflow discharges including estimates of cost for implementing the alternative plans. The alternative strategies to be evaluated shall include, as a minimum:

- a. dual use treatment facilities;

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- b. storing and/or treating initial or final sewer system flushes;
- c. storage and subsequent treatment of discharges;
- d. improvements in the sewer system.

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C-5 FACILITIES UPGRADING COMPLIANCE SCHEDULE

- A. The permittee shall, before August 1, 1976, complete and submit to both the Regional Administrator and the State Agency, a detailed design report and plans and specifications, together with a Step 3 Grant Application, for the Phase I\* modifications to the treatment facilities. 3/ Within one year after approval by the USEPA and the NJSDEP of Phase I, the permittee shall submit a detailed design report and plans and specifications for Phase II\* modifications to the treatment facilities. 3/
- B. Construction grant project number C-34-369-02, contracts numbered 480, 481, 484, 485, 487, 494, 491, 496A and 496B, is expected to be certified to the USEPA by the NJSDEP in a short time. Upon being awarded the Federal grant, the PVSC must advertise for receipt of bids in a timely manner. The following schedule shall be followed: one or more contracts must be advertised for bids within three months after receipt of the Federal grant. All nine contracts must be advertised for bids within seven months after receipt of the Federal grant.

Upon receipt by the USEPA of additional NJSDEP certified construction grant applications for completion of the facility upgrading, this permit shall be revised to include the appropriate schedules for advertising the remaining contracts.

\*Facilities upgrading to be accomplished in two major construction phases. Phase I involved construction of new secondary settling facilities, biological units, pumping stations, maintenance building, etc., and the major part of the sludge handling facilities. Phase II involves the demolition of existing primary settling facilities and the construction of new primary settling facilities and the remaining sludge handling facilities.

NOTES:

- 1/ If the time period allotted for the completion of an interim requirement specified above is greater than 9 months, then the permittee shall submit a report detailing its progress toward completion of the interim requirement at the end of the first 9-month period and at the end of each succeeding 9-month period (including, of course, the report, specified above, required within 14 days following the specified completion date).
- 2/ Each notice of non-compliance shall include the following information:
- A. a short description of the non-compliance;
  - B. a description of any actions taken or proposed to be taken by the permittee to comply with the elapsed schedule requirement without further delay;

KLL006281

C-5. FACILITIES UPGRADING COMPLIANCE SCHEDULE

- SUPPENDED*  
*see memo 10/11*
- A. The permittee shall, before February 28, 1976, complete and submit to both the Regional Administrator and the State agency, a detailed design report and plans and specifications, together with a Step 3 Grant Application, for the Phase I\* modifications to the treatment facilities. 3/ Within one year after approval by the USEPA and the NJDEP of Phase I, the permittee shall submit a detailed design report and plans and specifications for Phase II\* modifications to the treatment facilities. 3/
- B. The permittee shall, within two months after receiving an offer of a grant from USEPA and approval from both the Regional Administrator and the State agency of the documents required above, advertise for the receipt of bids in accordance with the detailed schedule submitted with the Step 2 grant application, approved by the USEPA. Within one month after approval by USEPA and NJDEP of bids received, the permittee shall award the construction contracts for the approved work.

\*Facilities upgrading to be accomplished in two major construction phases. Phase I involved construction of new secondary settling facilities, biological units, pumping stations, maintenance building, etc., and the major part of the sludge handling facilities. Phase II involves the demolition of existing primary settling facilities and the construction of new primary settling facilities and the remaining sludge handling facilities.

NOTES:

- 1/ If the time period allotted for the completion of an interim requirement specified above is greater than 9 months, then the permittee shall submit a report detailing its progress toward completion of the interim requirement at the end of the first 9-month period and at the end of each succeeding 9-month period (including, of course, the report, specified above, required within 14 days following the specified completion date).
- 2/ Each notice of non-compliance shall include the following information:
- A. a short description of the non-compliance;
  - B. a description of any actions taken or proposed to be taken by the permittee to comply with the elapsed schedule requirement without further delay;

KLL006282



C. a description of any factors which tend to explain or mitigate the non-compliance; and,

D. an estimate of the date permittee will comply with the elapsed schedule requirement and an assessment of the probability that permittee will meet the next schedule requirement on time.

3/ It is recognized that sufficient flexibility must be maintained so that modifications to design parameters, necessitated by the results of the sewer system evaluation and wet weather study, may be made.

KLL006283

This permit shall become effective on February 28, 1975.

This permit and the authorization to discharge shall be binding upon the permittee and any successors in interest of the permittee and shall expire on June 30, 1977. The permittee shall not discharge after the above date of expiration. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information, forms, and fees as are required by the agency authorized to issue NPDES permits no later than December 31, 1976.

By authority of \_\_\_\_\_

Gerald M. Hansler, P. E.  
(Regional Administrator)

JAN 28 09 1975

Date

*Meyer Scolnick*  
Meyer Scolnick, Director  
Enforcement and Regional  
Counsel Division

KLL006284



# ANNUAL REPORT

by

Chief Engineer

S. A. LUBETKIN

to the

PASSAIC VALLEY

SEWERAGE COMMISSIONERS

FOR OPERATIONS DURING

THE YEAR

**1975**

KLE004822

SPECIAL REPORT #5 (FROM JANUARY-FEBRUARY 1975 REPORT)

THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM PERMIT

As everyone knows, or should know by now, all dischargers into "navigable" waters of the United States are required to apply for a NPDES Permit from the USEPA. This is required by the Federal Water Pollution Control Act Amendments of 1972, Public Law 92-500, Section 402(a)(1) et seq, (33 U.S.C. Par. 1251-1376). The "navigable" waters are defined in the Act as "the waters of the United States, including the territorial seas" Sec. 502(7).

This refers to any discharges from industries, municipalities, sewer authorities, etc., which may contain polluting materials. This requirement is probably the best single requirement in the Act, as it will enable the USEPA, once and for all, to make an accurate assessment of the total pollution in the United States.

The Permit itself can be quite an extensive document, depending upon the particular discharge being permitted.

Generally speaking, each permit locates the discharge and the receiving waters. It defines the allowable quality and quantity, and if the discharge exceeds legal standards, it sets a "Schedule of Compliance" with interim dates of performance. It sets up monitoring and report requirements so that the USEPA is able to tell if violations occur and that compliance schedules are being met.

In addition, if the permittee is a municipality or a public authority, there are many other requirements such as mandatory controls of connected industrial discharges, pre-treatment requirements, cost recovery requirements, infiltration requirements, etc.

The PVSC had received its NPDES Permit effective February 28, 1975 and had started implementing the vast data gathering necessary to translate the Federal Guidelines into regulations. In order to fully comply, cooperation is needed from both industrial users and municipal users. To inform the major industries what was expected from them, the PVSC had set two days of meetings (March 25 and 26) with four separate meetings of three hours each (this was necessary, since all industries could not be accommodated at once). Attendance was by invitation only (because of the limitation on space).

The municipalities were informed by letter of what was required of them, and a similar conference will be held at a later date to discuss PVSC rules and regulations.

KLL004868

The following are the critical dates and requirements of the Passaic Valley Sewerage Commissioners' Permit:

- (1) Self-monitoring reports are to be on a quarterly basis and must be submitted within 28 days after the end of each report period. The first report period started March 1, 1975 and ended May 31, 1975, with subsequent report periods ending August 31, November 30, and February 28/29. (This is EPA Form 3320-1)
- (2) On March 31 and September 30 of each year, PVSC must submit a report summarizing the progress of all non-complying major industries subject to pretreatment requirements with details, as included in the Permit.

The first report (March 31, 1975) contained a proposed schedule for determining the required pretreatment information. After approval by EPA, PVSC shall implement the schedule.

- (3) The following compliance schedules are in the Permit and a report must be made to EPA within 14 days following each date on the schedule:
  - (a) August 31, 1975 - PVSC must initiate whatever actions are needed to enable PVSC to enforce all pretreatment requirements necessary, and PVSC must notify the Regional Administrator and the State Agency of actions it intends to take to comply with this (pretreatment standard) regulation.
  - (b) August 31, 1975 - PVSC must report to EPA on the maximum treatable flow rates for the treatment plant or any complete unit process.
  - (c) February 28, 1976 - PVSC shall report to EPA on a proposed method for estimating the number and location of new sewer connections, which will be served by combined sewers, and a proposed method for estimating the impact of additional flows generated by these sewer connections on the volume of discharges from the combined sewer.

KLL004869

- (d) February 28, 1976 - PVSC shall submit a detailed design report, together with plans and specifications, together with a Step 3 Grant Application, on upgrading their facilities.
- (e) June 30, 1976 - PVSC shall submit to the EPA an interim operational plan designed to minimize the discharge of pollutants from combined sewer overflows and by-passes.
- (f) August 31, 1976 - PVSC shall submit the results of its Phase I Infiltration/Inflow Analysis.
- (g) August 31, 1976 - PVSC shall submit to EPA the analysis of overflows and by-passes due to rain fall, including the duration curves to determine quality of by-pass storm water and its effect on the river.
- (h) December 31, 1976 - PVSC shall apply for a renewal of the NPDES Permit, which expires June 30, 1977.
- (i) June 30, 1977 - PVSC shall make a report with recommendations concerning alternate plans for corrective action for alleviating and/or treating of overflow discharges, including cost estimates.

KLL004870





# **ANNUAL REPORT**

by

**Chief Engineer**

**S. A. LUBETKIN**

to the

**PASSAIC VALLEY**

**SEWERAGE COMMISSIONERS**

**FOR OPERATIONS DURING**

**THE YEAR**

**1976**

KLLC9922

SPECIAL REPORT #4  
(FROM AUGUST-SEPTEMBER 1976)

PVSC REGULATIONS AND A MODEL SEWER ORDINANCE  
FOR MUNICIPALITIES DISCHARGING INTO THE PVSC SYSTEM

As everyone knows, the treatment facilities of the PVSC must be updated to comply with the Federal standards established under P.L. 92-500. Over the last several years the Commissioners have taken the necessary action which will result in the construction of new secondary treatment facilities.

The costs for such facilities are very great. Our estimates are in the area of \$500,000,000. On those portions of the construction plan which have already been approved, we have been fortunate to obtain commitments of 75% Federal funding. However the Federal funds which are available are subject to grant conditions and included in the grant conditions is the Federal requirement, as a prerequisite to our receiving the Federal funds, that sewer use ordinances must be adopted by all of the municipalities serviced by the PVSC's treatment plant.

Apart from the requirements of the grant conditions, under the provisions of the Federal Water Pollution Control Act of 1972, a new system of discharge permits was initiated. In order to continue the PVSC discharge into New York Harbor, PVSC must comply with the terms of the discharge permit issued by the Federal Government. Included in the conditions of the PVSC discharge permit (NJ0021016) is the requirement for the adoption of sewer use ordinances. It is to be noted that the Federal statute provides that any violation of a discharge permit condition constitutes a civil and criminal offense.

At their board meeting of April 8, 1976, the Passaic Valley Sewerage Commissioners adopted the "Rules and Regulations of the PVSC Concerning Sewer Connection Permits". On April 12, 1976 copies of the Rules and Regulations were sent to each user municipality along with a letter of explanation.

Although the PVSC had, in the past, conducted several conferences with its user municipalities to keep them apprised of the Federal Regulations, another one was held on May 20, 1976 wherein the PVSC, Federal and State regulations were reviewed and they were notified that PVSC would have its staff prepare a model ordinance to assist the municipalities in conforming with PVSC regulations.

We prepared such an ordinance, which incorporated all of the requirements of the United States Environmental Protection Agency as well as the New Jersey Department of Environmental Protection, and submitted it to the United States Environmental Protection Agency as well as to the New Jersey Department of Environmental Protection, which in turn, have commented upon and finally approved it.

KLL005050

Since, not only is PVSC required to make periodic reports to the USEPA of non-compliance with permit conditions, but the flow of Federal Funding for the PVSC project would be interrupted by non-compliance with the grant conditions, PVSC requested that we be informed within 30 days of the name of the individual within each municipality that would act as liaison between that municipality and the PVSC and further, a timetable concerning the adoption of the ordinance.

This, of course, is important since any interruption in the Federal flow of such a large amount of money would require the PVSC to impose the costs directly upon the municipalities, since the PVSC would have construction contracts, which must be paid.

This proposed ordinance, reproduced on the following pages, which works in conjunction with PVSC Rules and Regulations Concerning Sewer Connection Permits (also included for reference), was sent to each user municipality on September 29, 1976 for the purpose of having the ordinance introduced and adopted by them.

It is to be noted that as of December 31, 1976, fifteen of the thirty participating municipalities responded to PVSC indicating the ordinance would be passed. PVSC will follow up on the remaining municipalities for compliance during 1977.

KLLC05051

PROPOSED MODEL ORDINANCE FOR MUNICIPALITIES

AN ORDINANCE REGULATING THE USE OF  
SEWERS AND THE DISPOSAL OF WASTE  
WATER AND PROVIDING PENALTIES FOR  
THE VIOLATION THEREOF.

BE IT ORDAINED by the \_\_\_\_\_ of \_\_\_\_\_  
County, as follows:

1. Whenever used in the within ordinance, the following terms shall have the following meaning:
  - a. "Flotable oil" is oil, fat or grease in a physical state such that it will separate by gravity from wastewater by treatment in an approved pretreatment facility. A wastewater shall be considered free of flotable fat if it is properly pretreated and the wastewater does not interfere with the collection system.
  - b. "Industrial wastes" shall mean the wastewater from industrial processes, trade, or business as distinct from domestic or sanitary wastes.
  - c. "Industrial Cost Recovery". A charge to industrial users based on its use of PVSC facilities to repay the capital cost outlay of the Federal Share given PVSC under the provisions of applicable Federal law allocable to the treatment of the wastes from the industrial user.
  - d. "Industrial User", Any non-governmental user of PVSC facilities identified in the Standard Industrial Classification Manual 1972 as amended and supplemented under Divisions A, B, D, E or I. A user may be excluded if it is determined that it introduces primarily segregated sanitary wastes.
  - e. "Industrial Waste". The liquid waste from an industrial process, as distinct from sanitary waste. All wastes, except storm waters and sanitary wastes.
  - f. "Major Industry". An industrial user of PVSC facilities that: (a) has a flow of 50,000 gallons or more per average work day; (b) has in its waste, a toxic pollutant in toxic amounts; or, (c) is found by USEPA, NJDEP or PVSC to have significant impact, either singly or in combination with other contributing industries, in the PVSC treatment works or upon the quality of the effluent from the PVSC treatment works.
  - g. "Natural outlet" shall mean an outlet, including storm sewers and combined sewer overflows, into a watercourse, pond, ditch, lake or other body of surface or groundwater including the Passaic River or any of its tributaries.

KLL005052

- h. "NJDEP" New Jersey Department of Environmental Protection.
- i. "NPDES" National Pollution Discharge Elimination System.
- j. "Person" shall mean any individual, firm, company, society, association, corporation (public or private) or group.
- k. "pH". The reciprocal of the logarithm of the hydrogen ion concentration. The concentration is the weight of hydrogen ions, in grams, per liter of solution. Neutral water has a pH value of 7 (a hydrogen concentration of  $10^{-7}$ ). Lower pH's are acid, higher pH's are alkaline.
- l. "Pretreatment". Treatment given to industrial waste, prior to its discharge, directly or indirectly, to the PVSC facilities, by the industry, in order to remove illegal and/or undesirable constituents or to reduce the strength of the waste.
- m. "PVSC" Passaic Valley Sewerage Commissioners
- n. "Public Sewer" shall mean a common sewer controlled by a governmental agency, public utility, or the municipality.
- o. "Sanitary Sewer", shall mean a sewer that carries liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions together with minor quantities of ground, storm and surface waters that are not admitted intentionally.
- p. "Sanitary Waste". Waste derived principally from dwellings, office buildings, and sanitary conveniences. When Segregated from industrial wastes, may come from industrial plants or commercial enterprises.
- q. "Sewage" is the spent water of a community. The preferred term is "wastewater."
- r. "Sewer" shall mean a pipe or conduit that carries waste water or drainage water.
- s. "Slug" shall mean any discharge of water or wastewater which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.
- t. "Storm drain" (sometimes called "storm sewer") shall mean a drain or sewer for conveying water, groundwater, sub-surface water, or unpolluted water from any source.

KLLC05053

- u. "Strength of Waste". A measurement of suspended solids, and/or Biochemical Oxygen Demand and/or Chemical Oxygen Demand, and/or any other parameter determined by PVSC as a fair indicator of the relative use, other than volumetric, of PVSC facilities by industrial wastes.
- v. "Suspended Solids" shall mean total suspended matter that either floats on the surface of, or is in suspension in, water, wastewater, or other liquids and that is removable by laboratory filtering as prescribed in "Standard Methods for the Examination of Water and Wastewater" and referred to as nonfilterable residue.
- w. "Toxic Wastes in Toxic Amounts" shall be defined by USEPA in 40 CFR 129 (38 F.R. 24342, 9-7-73) and any superceding revisions.
- x. "USEPA" United States Environmental Protection Agency
- y. "Unpolluted water" is water of quality equal to or better than the effluent criteria in effect or water that would not cause violation of receiving water quality standards and would not be benefited by discharge to the sanitary sewers and wastewater treatment facilities provided.
- z. "User Charge". A charge to users consisting of two parts. The first part established by PVSC based on volume and, where applicable, on strength and/or flow rate to pay for the use of the PVSC facilities. The second part established by the municipality to pay for the use of the local sewer system and to pay for administrative of the billing and collection of the funds.
- aa. "Wastewater" shall mean the spent water of a community. From the standpoint of source, it may be a combination of the liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions, together with any groundwater, surface water, and storm water that may be present.
- bb. "Wastewater Facilities" shall mean the structures, equipment, and processes required to collect, carry away, and treat domestic and industrial wastes and dispose of the effluent.
- cc. "Wastewater treatment works" shall mean the PVSC facilities.

KLL005054

2. It shall be unlawful to discharge into any natural outlet within the municipality any wastewater or other polluted waters, except where suitable treatment has been provided and where a National Pollution Discharge Elimination System permit has been obtained from the appropriate governmental authority, where required.

3. No unauthorized person shall uncover, make any connections with or opening into, use, alter or disturb any public sewer or appurtenance thereof without first obtaining a permit from the appropriate municipal official.

4. Application for sanitary connections for dwellings, groups of dwellings or industrial or commercial establishments with only sanitary waste, shall be made directly to the municipality. A fee shall be paid to the municipality to process the application as otherwise provided by ordinances of the municipality. The governing body of the municipality shall designate some suitable person to maintain a record of the number of sanitary applications and connections that are added and removed from the system and shall make an annual report to the Passaic Valley Sewerage Commissioners no later than February 1 of each year. When a direct connection to a PVSC sewer is requested by the applicant, the request shall first be endorsed with the approval of the governing body of the municipality and then submitted to the PVSC for their action.

5. Each existing industrial user which is presently connected directly or indirectly to the wastewater facilities of the municipality shall make application for a permit no later than 1977, whether the connection be for industrial waste or storm water. Applications for future connections must be made and approved before a certificate of occupancy may be issued. The application shall be made to the municipality by the industry that generates the waste, however, the application must be signed by the owner of the property whereon the industry is located. After approval of the application by the municipality, the application shall be forwarded to PVSC for classification and issuance of the permit by PVSC.

Any existing industrial user which proposes to make any change in its facility or its processing, which significantly affects the quality or the quantity of its discharge into the system, shall submit to the municipality an Industrial Sewer Waste Revision Application showing the contemplated changes. Any new tenant or occupant of an existing industrial user shall submit an Industrial Sewer Waste Revision Application. The application, if approved by the municipality, shall be sent to the PVSC, accompanied by the written approval of the municipality. Existing industrial users that have applied for permits may continue their discharge until their application has been processed by PVSC, except for any discharges which constitute prohibited waste as otherwise provided in the within ordinance or unless notified by PVSC to cease and desist their discharge. No certificate of occupancy shall be issued for an industrial use until an industrial permit has been issued by the PVSC and no person shall occupy any building or structure for the purpose of a new industrial use until an industrial permit has been issued by the PVSC.

KLL005055

6. Industrial users shall be classified by PVSC as follows:

Category I:

Class I-A permit shall not be issued to an industry defined as a major industry and when issued shall allow the industry to discharge with no modification or pretreatment of flow.

Class I-B permit is one issued to an industry classified as a major industry. This permit shall allow the industry to discharge with no modifications or pretreatment of flow, however, PVSC may require the installation of monitoring equipment.

Category II:

Class II-A permit shall allow an industry to discharge pretreated wastes in accordance with standards established in the permit.

Class II-B permit shall allow an industry to continue to discharge, subject to change of characteristics of its waste by pretreatment or other means in accordance with a schedule as established by the PVSC in the permit.

Category III:

The permit is denied and the discharge of prohibited materials must be halted or modified by a date established by the PVSC and in accordance with conditions contained in the permit denial.

7. The PVSC classification of an application is subject to change by PVSC upon written notification from PVSC to the applicant by certified mail. Any change shall be accompanied by a detailed explanation of the reason for the change.

8. Any industry aggrieved by a permit classification by the PVSC shall have a right to appeal to the PVSC. Such an administrative appeal shall be taken within thirty (30) days of notification by PVSC to the industry of its decision. The notice of appeal shall be delivered personally to the offices of PVSC at 600 Wilson Avenue, Newark, New Jersey or shall be sent by certified mail, return receipt requested. The taking of an appeal shall not stay the provisions of a Class III denial. During the time of appeal, however, the Class II permits shall be stayed, however, the staying shall not release any industry from meeting any requirements of any schedule set by the New Jersey Department of Environmental Protection or the United States Environmental Protection Agency.

KLL005056



9. Upon the filing of an appeal the PVSC shall set the date and time for a hearing before the Commissioners. The applicant shall have the right to present evidence, shall have the right to be represented by counsel and shall have the right of cross examination. Upon the conclusion of the hearing, the Commissioners shall make findings of fact and conclusions.

10. All applications for industrial permits shall be submitted on forms to be supplied by PVSC and shall comply with the instructions on said form.

11. All costs and expenses incidental to the installation and connection of the building sewer shall be borne by the applicant, and the applicant shall indemnify the municipality or PVSC from any loss or damage that may be occasioned by the installation of the building sewer. All sewer connections shall be in accordance with the requirements of the municipality as otherwise provided by ordinance. In the case of the connection into PVSC sewer the connection shall be in accordance with the conditions contained in the approval of the PVSC.

12. No person shall make connection on roof downspouts, foundation drains, areaway drains, or other sources of surface runoff or groundwater to a building sewer or drain, which in turn is connected directly or indirectly to a public sanitary sewer unless approved by the municipality for purpose of disposal of polluted surface drainage.

13. In addition to the application for the permit as hereinabove provided, each industrial user must complete an industrial survey form which will be supplied by PVSC and, from time to time, shall update the form when required by the PVSC.

14. Whenever an industry is classified as a major industry, it shall install an approved, sealed, automatic monitoring system if required by PVSC.

15. No uncontaminated water shall be discharged into the PVSC system except with the prior written consent of the municipality (and PVSC). (There will be two separate provisions, one for municipalities with separate systems and one for municipalities with combined systems.)

16. When pretreatment standards are adopted by the United States Environmental Protection Agency for any given class of industries, then any industry within that class must conform to the United States Environmental Protection Agency timetable for adherence to pretreatment requirements as well as all other applicable requirements promulgated by the United States Environmental Protection Agency in accordance with the provisions of the law. Additionally, such industries shall comply with such more stringent standards necessitated by local conditions as determined from time to time by the PVSC.

KLLC05057

17. All industrial users shall provide immediate access to its facilities at any time during normal working hours or at any other time that there is a discharge into the PVSC system or into any waters under the jurisdiction of the PVSC. Access shall be for the purpose of checking the quality of the discharge, taking samples and making tests of the discharge or for the purpose of permitting enforcement of the within ordinance. The access shall be made available to the employees of PVSC, New Jersey Department of Environmental Protection, United States Environmental Agency and/or the municipality. All users shall provide access to property and premises for inspection for the purpose of determining if there is any violation of the terms or provisions of the within ordinance.

18. The following wastes are prohibited and may never be discharged into waste water facilities of the municipality and PVSC:

- a. Wastes that may create a fire or explosion hazard in the sewer or wastewater facility, such as gasoline, fuel oil, cleaning solvents, etc.
- b. Wastes that may impair or cause to impair the hydraulic capacity of the sewer system, such as ashes, sand, metal, precipitates, etc.
- c. Wastes that may create a hazard to people, the sewer system, the treatment process, or the receiving water, such as dangerous levels of toxic materials.
- d. Wastes at a flow rate which is excessive over a relatively short time period so that there is a treatment process upset and substantial loss of treatment efficiency.
- e. Wastes below a pH of 5 unless the line is designed to accommodate such waste.
- f. Any discharge of radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by PVSC in compliance with applicable State or Federal Regulations.

19. The following wastes may not be discharged without special permission from the PVSC, upon a determination by the PVSC that the discharge would not be detrimental to the system:

- a. Any discharge in excess of 150°F (65°C).
- b. Any discharge containing more than 100mg/l of mineral oil or grease.
- c. Any discharge containing floatable oil or grease.

KLLC05058

- d. Any discharge of heavy metals, or any other toxic materials in toxic amounts, which amounts are to be established by PVSC.
- e. Any discharge quantities of flow or concentration which shall constitute a "slug".
- f. Wastes with pH outside the limits of 5.0 to 9.0.

20. Each major industrial user shall construct or otherwise have available a sampling point for sampling waste water before it enters the municipal sewer system. Other industrial users may be required to construct such sampling point, if ordered so to do by the municipality or the PVSC.

21. No discharge into the wastewater facilities of PVSC shall be permitted from any source which causes physical damage, interferes with the treatment process, or results in a violation of effluent limitations or other conditions contained in the National Pollution Discharge Elimination System Permit to Discharge issued to the PVSC by the United States Environmental Protection Agency.

22. When required by the municipality, USEPA, NJDEP or the PVSC, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable structure together with such necessary meters and other appurtenances to the building sewer to facilitate observation, sampling and measurement of the wastes. Such structure, when required, shall be accessibly and safely located and shall be constructed in accordance with plans approved by the governmental agency requiring it. The structure shall be installed by the applicant at his expense and shall be maintained by him so as to be safe and accessible at all times.

23. All persons subject to the within ordinance shall be required to provide information to the municipality and PVSC as needed to determine compliance with the ordinance. These requirements may include:

- 1. Wastewaters discharge peak rate and volume over a specified time period.
- 2. Chemical analyses of wastewaters.
- 3. Information on raw materials, processes, and products affecting wastewater volume and quality.
- 4. Quantity and disposition of specific liquid, sludge, oil, solvent or other materials important to sewer use control.
- 5. A plot plan of sewers of the user's property showing sewer and pretreatment facility location.
- 6. Details of wastewater pretreatment facilities.
- 7. Details of systems to prevent and control the losses of materials through spills to the municipal sewer.

KLLC05059

24. All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this ordinance shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association, or other method or procedure as may be approved by PVSC. Sampling methods, location, times, durations, and frequencies are to be determined on an individual basis subject to the approval of the municipality, and/or PVSC.

25. All users shall be required to comply with the requirement of user charges regulations and industrial costs recovery system regulations to be adopted by the PVSC in accordance with the requirements of the USEPA. The effective date for the implementation of user costs regulations and industrial costs recovery system regulations shall be established by resolution of the PVSC. The effective date shall be certified by the PVSC and the said written certification shall be filed in the office of the municipal clerk.

26. No person shall intentionally, break, damage, destroy, uncover, deface or tamper with any structure, appurtenance or equipment which is part of the waste water facilities.

27. The governing body shall appoint or designate some suitable person to administer the within ordinance.

28. All users of the wastewater facilities shall comply with the requirements of the written rules and regulations of the PVSC which have been adopted and which from time to time shall have been adopted, which regulations shall become effective upon filing of certified copies in the office of the municipal clerk after the effective dates of the within ordinance.

29. Violations of any of the provisions of the within ordinance or any permit issued under the authority of the within ordinance may result in the termination of the permit and/or the termination of the authority to discharge into the system.

30. Any person violating any of the provisions of the within ordinance shall, upon conviction, be subject to a fine not to exceed five hundred dollars (\$500.00) and/or imprisonment not to exceed ninety (90) days, or both. Each and every day in which a violation of any provision of this ordinance exists shall constitute a separate violation.

31. If any portion of the within ordinance shall be declared to be unconstitutional, invalid or inoperable, in whole or in part, by a court of competent jurisdiction, the remaining portion not declared to be unconstitutional, invalid or inoperable, shall remain in full force and effect.

KLL005060

32. No ordinance heretofore adopted by the municipality shall be effected by the within ordinance except that if any provisions of any prior ordinance is in conflict with the provisions of the within ordinance, the provisions of the within ordinance shall control.

33. This ordinance shall take effect upon final passage and publication in accordance with the provisions of law.

KLL005061

RULES AND REGULATIONS OF THE PVSC  
CONCERNING SEWER CONNECTION PERMITS

1) DEFINITIONS

As used in this regulation, the following words and terms shall have the meaning set forth below:

Industrial Cost Recovery - A charge to industrial users based on its use of PVSC facilities to repay the capital cost outlay of the Federal Share given PVSC under P.L. 92-500 allocable to the treatment of the wastes from the industrial user.

Industrial User - Any non-governmental user of PVSC facilities identified in the Standard Industrial Classification Manual 1972 as amended and supplemented under Divisions A, B, D, E, or I. A user may be excluded if it is determined that it introduces primarily segregated sanitary wastes.

Industrial Waste - The liquid waste from an industrial process, as distinct from sanitary waste. All wastes, except storm waters and sanitary wastes.

Major Industry - An industrial user of PVSC facilities that:

- (a) has a flow of 50,000 gallons or more per average work day;
- (b) has in its waste, a toxic pollutant in toxic amounts; or,
- (c) is found by USEPA, NJDEP or PVSC to have significant impact, either singly or in combination with other contributing industries, on the PVSC treatment works or upon the quality of the effluent from the PVSC treatment works.

Municipality - The municipality wherein an industry or other user discharging to PVSC facilities is located.

NJDEP - New Jersey Department of Environmental Protection

KLL005062

NPDES - National Pollution Discharge Elimination System

pH - The reciprocal of the logarithm of the hydrogen ion concentration. The concentration is the weight of hydrogen ions, in grams, per liter of solution. Neutral water has a pH value of 7 (a hydrogen ion concentration of  $10^{-7}$ ). Lower pH's are acid, higher pH's are alkaline.

Pretreatment - Treatment given to industrial waste, prior to its discharge to the PVSC facilities, by the industry, in order to remove illegal and/or undesirable constituents or to reduce the strength of the waste.

Property Owner - Owner of the property wherein an industry discharging to the PVSC facilities is located.

PVSC - Passaic Valley Sewerage Commissioners

Sanitary Waste - Waste derived principally from dwellings, office buildings, and sanitary conveniences. When segregated from industrial wastes, may come from industrial plants or commercial enterprises.

Strength of Waste - A measurement of suspended solids, and/or Biochemical Oxygen Demand, and/or Chemical Oxygen Demand, and/or any other parameter determined by PVSC as a fair indicator of the relative use, other than volumetric, of PVSC facilities by industrial wastes.

Toxic Wastes in Toxic Amounts - Defined by USEPA in 40 CFR 129 (38 F.R. 24342, 9-7-73) and any subsequent revisions.

USEPA - United States Environmental Protection Agency

User Charge - A charge to users, established by PVSC, based on volume and, where applicable, on strength and/or flow rate to pay for the use of the PVSC facilities.

KLL005063

2) Any person, corporation or municipality, or other governmental agency desiring to make any sewerage connection or discharge or to continue to discharge sewerage, which includes or consists of industrial waste, into the PVSC treatment facilities, must make application therefor in writing on forms provided by the PVSC. All existing industrial users are required to make such application by June 1, 1977. Any new facilities shall be required to make application prior to the connection.

3) There shall be two major forms of Application:

(a) Sanitary Application - application from dwellings, groups of dwellings, or industrial or commercial establishments with only sanitary waste.

(b) Industrial Application - for industrial waste or storm water from an industrial site.

Sanitary applications shall be made by the owner of the property to the municipality, and no approval by PVSC is necessary unless a direct connection into a PVSC sewer is being requested. However, the municipality shall keep a record of the number of connections that are added and removed and shall make an annual report to the PVSC no later than February 1 of each year.

Industrial applications shall be made by the industry that generates the waste; however, the application must also be signed by the owner of the property wherein the industry is located. The industry shall be responsible for the quality and quantity of the waste, but the industry and owner of the property shall be jointly and severally responsible for any user charges or industrial cost recovery charges, and such charges when not paid may be made a lien against the property, and interest may be charged.

4) Any existing facility which proposes to make any change in its facility or its processing, which significantly affects either the quality or the quantity of its discharge into the sewerage system, shall be required to submit an Industrial Sewer Waste Revision Application showing the changes contemplated. Any new tenant or occupant of an existing facility shall be required to submit an Industrial Sewer Waste Revision Application. The application must be accompanied by a written approval of the particular municipality and owner of the property that are responsible for such sewerage.

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5) Existing industries that have applied for permits may continue their discharge until their application has been processed by PVSC, unless in violation of Section 18, "Prohibited Wastes" of these regulations, or unless notified by PVSC to cease and desist their discharge.

6) Applications for Industrial Permits issued by PVSC shall be classified in one of these categories and the applicant and municipality shall be notified as expediently as possible:

Category I:

Class I-A permit which shall not be issued to an industry defined as a major industry is issued allowing industry to continue to discharge with no modification or pretreatment of flow.

Class I-B permit is issued allowing industry to continue to discharge with no modification or pretreatment of flow, but industry is considered a major industry and may be required to install monitoring equipment.

Category II:

Class II-A permit allows industry to continue to discharge pretreated wastes in accordance with standards established in the permit.

Class II-B permit allows industry to continue to discharge subject to change of characteristics of its waste by pretreatment or other means in accordance with a schedule as established or to be established in the permit.

Category III:

Permit denied and the discharge of illegal material must be halted or modified by a date established by PVSC.

PVSC reserves the right to change any Class permit to any other class permit, or to cancel permits upon notification by certified mail giving six months notice and giving the reason for the change.

KLL005065

- 7) Class I-A, I-B, and II-A permits shall be for an indefinite period of time unless cancelled or modified by PVSC.
- 8) Class II-B shall be for a period of time specified in the notice of classification requiring the industry to modify its discharge so that a Class II-A permit may be issued.
- 9) If an industry receives a Class II permit and disagrees with the findings of PVSC, it may appeal to the PVSC and request a hearing. The appeal shall be sent "Certified Mail" to the PVSC, 600 Wilson Avenue, Newark, N. J., 07105, within thirty days of notification by PVSC of the granting of the permit or of any modification of an existing permit. The Permittee shall obtain a return receipt showing date the appeal application was received by PVSC. During the time of appeal, the Class II permit requirements are stayed; however, the staying of such requirements shall not release any industry from the obligation of meeting any requirements and any time schedule set by NJDEP or USEPA.
- 10) Any appeal request shall be heard by the Commissioners. The findings of the Commissioners may be submitted to USEPA and/or NJDEP and upon approval by either or both shall either be incorporated in a new permit or the existing permit shall be reaffirmed.
- 11) An application submitted by a corporation must be signed by the principal executive officer of that corporation or by an official of the rank of corporate vice president or above who reports directly to such principal executive officer to make such applications on behalf of the corporation. In the case of a partnership, the application must be signed by a general partner or proprietor. If the owner of the property is a corporation, other than the applicant, then the application must also be signed by the property owner as per the above.

Where an application involves a governmental discharge, the person signing on behalf of a municipal, county or intra-State regional governmental unit; if the applicant is a State or multi-State agency, the application must be signed by that agency's principal executive officer or one who reports directly to him and is authorized to make applications on behalf of the governmental unit. Applications submitted by an agency of the United States should be signed by an official who is authorized to evaluate environmental factors on an agency-wide basis.
- 12) Each user municipality shall designate an official who shall have the responsibility to supervise and enforce municipal connections and sewer requirements. The name of such designated official shall be submitted to the PVSC by the municipality.

KLL005066

13) In addition to the application, each industrial user must complete an industrial survey form which is supplied by PVSC, unless the industrial user has previously completed and submitted such a form to the PVSC.

14) When the industry is classified as a Major Industry, it will install an approved, sealed, automatic monitoring system if requested to make such installation by PVSC.

15) No uncontaminated water (e.g. cooling water, etc.) shall be discharged into the PVSC system except with the prior written consent of the PVSC.

16) When pretreatment standards are adopted by USEPA for any given class of industries, then that industry must immediately conform to the USEPA timetable for adherence to Federal (and therefore PVSC) pretreatment requirements, and any other applicable requirements promulgated by USEPA in accordance with Section 307 of P.L. 92-500. Additionally, such industries shall comply with any more stringent standards necessitated by local conditions as determined from time to time by the PVSC.

17) A PVSC inspector or authorized employee of PVSC, NJDEP, USEPA, or the municipality, must be given immediate access to any industry at any time during normal working hours or at any other time that an industry is discharging into either the PVSC system or into any of the waters under jurisdiction of the PVSC in order that the inspector may check the quality of the discharge, take samples, tests, and measurements.

18) The following wastes may never be discharged into the PVSC system:

- (a) Wastes that may create a fire or explosion hazard in the sewer, or wastewater facility, such as gasoline, fuel oil, cleaning solvents, etc.
- (b) Wastes that may impair the hydraulic capacity of the sewer system, such as ashes, sand, metal, etc.
- (c) Wastes that may create a hazard to people, the sewer system, the treatment process, or the receiving water, such as dangerous levels of toxic materials.

KLLC05067

19) The following wastes may not be discharged without special permission, available on a case by case basis after the applicant proves the discharge not to be detrimental by reason of small volume:

- (a) Any discharge in excess of 150°F (65°C).
- (b) Any discharge containing more than background level of radioactivity.
- (c) Any discharge containing more than 25 mg/l of mineral oil or grease.
- (d) Any discharge containing floatable oil or grease.
- (e) Any discharge of heavy metals, cyanides or any other toxic materials in toxic amounts, which amounts are to be established by PVSC.
- (f) Any discharge quantities of flow or concentration which shall constitute a "slug". A "slug" shall mean a discharge of a rate of flow or concentration of any given constituent which exceeds for any period of 15 minutes more than five times the average daily concentration.
- (g) Wastes with pH outside the limits of 5.0 to 9.0.

20) Each major industrial user shall construct or otherwise have available a sampling point for sampling wastewater before it enters the municipal sewer system. Other industrial users may be required to construct such sampling point.

21) No discharge into the treatment facilities of PVSC shall be permitted from any source which causes physical damage, interferes with the treatment process, or results in a violation of effluent limitations or other conditions contained in the National Pollution Discharge Elimination System Permit to Discharge issued to PVSC by the USEPA.

22) Wherein required by USEPA, NJDEP, or the PVSC permit, each industrial user shall monitor its flow and maintain records in accordance with 40 CFR 136.3 or subsequent amendments.

KLL005068

23) If the industrial user violates any of the terms of the permit or regulations, he shall be subject to civil and/or criminal penalties and fines in accordance with judicial procedures as provided for in Section 309 of P.L. 92-500.

24) Violation of any of the terms of the permit or regulations, or of any municipal ordinance, may result in the termination of the permit and/or termination of authorization to discharge into the PVSC system.

25) The within rules and regulations shall be effective August 1, 1976.

KLLC05069

INDUSTRIAL SEWER CONNECTION APPLICATION

Name \_\_\_\_\_

Number & Street \_\_\_\_\_

Municipality \_\_\_\_\_

Primary Standard Industrial Classification Code \_\_\_\_\_

Principal Product \_\_\_\_\_

Principal Raw Material \_\_\_\_\_

Flow (Indicate the volume of waste discharged to the PVSC system in thousand gallons per day and whether the discharge is intermittent or continuous) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

The undersigned being the \_\_\_\_\_ of the above  
 (owners, lessee, tenant, etc.)  
 property does hereby request a permit to \_\_\_\_\_ an in-  
 (install, use)  
 dustrial sewer connection to discharge into the \_\_\_\_\_ inch  
 (size)  
 \_\_\_\_\_ sewer located at \_\_\_\_\_  
 (municipality, PVSC)

The size of the connection is \_\_\_\_\_ inches.

A plan of the property showing accurately all sewers and drains now existing, together with existing or proposed sampling point, is attached hereto as Exhibit "A".

Details of the connection to the public sewer is shown as Exhibit "B".

A schedule of all process waters and industrial wastes produced or expected to be produced at said property, including a description of the character of each waste, daily volume, maximum rates of discharge, duration of discharge, and a representative analysis is attached as Exhibit "C".

KLL005070

The name and telephone number of the person to call for further details is \_\_\_\_\_

In consideration of the granting of this permit, the undersigned agrees:

- (1) To furnish any additional information relating to the installation or use of the industrial sewer for which this permit is being sought, if requested by PVSC.
- (2) To accept and abide by all the rules and regulations of the PVSC and of the approving municipality.
- (3) To operate and maintain any waste pretreatment facilities, if such facilities are required by the USEPA, the NJDEP, or the PVSC, in an efficient manner at all times, at no expense to PVSC.
- (4) To cooperate at all times with the PVSC and their authorized representatives in their inspection, sampling and studying of the industrial wastes, and any facilities for pretreatment.
- (5) If the industry is classified as a major industry (USEPA definition) then, if requested by PVSC, install sampling or monitoring equipment as approved by PVSC.
- (6) To pay user charges and industrial cost recovery charges when such charges are promulgated by PVSC.
- (7) To notify PVSC immediately in the event of an accident, negligence or other occurrence that occasions a discharge to the sewer of any waste not covered by the permit or of a discharge to any of the streams under the jurisdiction of the PVSC.
- (8) To comply with all applicable Federal and State statutes and regulations as well as the terms of any National Pollutant Discharge Elimination System Permit to Discharge issued by the United States Environmental Protection Agency to the PVSC.

DATE: \_\_\_\_\_

SIGNED: \_\_\_\_\_

(Applicant)

\_\_\_\_\_  
(Title)

If a corporation, attach resolution giving authority to make application.

KLLC05071

The undersigned hereby certifies that it is the owner of the property and agrees that it will be responsible for all user charges and/or industrial cost recovery for any industrial waste emanating from the above property, and failure to pay such costs when levied shall subject the property to a lien on such property not to be lifted until all such costs plus interest shall be paid.

DATE: \_\_\_\_\_ SIGNED: \_\_\_\_\_  
TITLE: \_\_\_\_\_

If a corporation, attach resolution giving authority to sign application.

The \_\_\_\_\_ hereby approves the above application and certifies to PVSC that it will be responsible for payment for the wastewater discharge from the above plant into the PVSC system in accordance with the rules and regulations of the PVSC.  
(municipality)

DATE: \_\_\_\_\_ SIGNED: \_\_\_\_\_  
(Authorized Municipal Official)  
TITLE: \_\_\_\_\_

APPROVED AT PVSC BOARD MEETING OF \_\_\_\_\_

SIGNED: \_\_\_\_\_

Clerk of the Passaic  
Valley Sewerage Com-  
missioners

KLLC05072



Date: .....

Plant Ref. No. ....

## WASTE EFFLUENT SURVEY

(For Industries Served by the Passaic Valley Sewerage Commissioners)

Plant Name: .....

Address: ..... Zip: .....

Person and Title to whom any further inquiries should be directed: .....

Phone No: .....

Number of Employees: .....

Number of Working Days Per Week: .....

Number of Shifts Per Day: .....

Area of Property: ..... Acres, or ..... Sq. Ft.

Type of Industry and 4 digit U. S. Standard Industrial Classification No.: .....

Finished Product(s): .....

Average Production: .....

Raw Materials Used: .....

Brief Description of Operations: .....

KLL005073

Water received in *Gallons* (Note: multiply cu. ft. x 7.48)

Purchased water in 19\_\_ from: .....

1st Quarter .....

2nd Quarter .....

3rd Quarter .....

4th Quarter .....

Total Purchased 19\_\_: .....

Well Water

1st Quarter .....

2nd Quarter .....

3rd Quarter .....

4th Quarter .....

Total well water received in 19\_\_: .....

River Water

1st Quarter .....

2nd Quarter .....

3rd Quarter .....

4th Quarter .....

Total river water taken in 19\_\_: .....

TOTAL OF ALL WATER RECEIVED IN 19\_\_: .....

Water Use in 19\_\_:

Water to Product (include evaporated and lost water): .....

Water to Sanitary Sewer: .....

Water to Storm Sewer, River or Ditch: .....

TOTAL WATER USE IN 19\_\_: .....

Name of River, Stream, or Tributary, and location of storm sewer or ditch outlet to river, stream,  
or tributary: .....

KLLC05074

**ANSWER THE FOLLOWING QUESTIONS ONLY IF THE  
PLANT WASTE INCLUDES WASTE ATTRIBUTABLE TO INDUSTRIAL OPERATIONS**

(Note: Analyses should be based on a 24-hour composite sample)

Characteristics of Plant Waste discharged to sanitary or combined sewer, after treatment if any. Indicate units of measure where applicable (e.g. Mg/l).

- a) pH: ..... b) Turbidity: .....
- c) Temperature: ..... d) Radioactive? Yes ..... No .....
- e) Solids Concentration:
- 1) Total Solids ..... Volatile ..... Mineral .....
- 2) Suspended Solids ..... Volatile ..... Mineral .....
- f) Oil and Grease Concentration:
- 1) Floatable Oils .....
- 2) Emulsified Oils .....
- g) Chlorides .....
- h) Chemical Oxygen Demand (C.O.D.): .....
- i) 5-day Bio-chemical Oxygen Demand (B.O.D.): .....
- j) Total organic carbon (T.O.C.): .....
- k) Metallic Ions—Name and concentration (Important—list each metal in waste, e.g., chromium hex. and triv. Antimony, Lead, Mercury, Copper, Vanadium, Nickel; give concentration and total daily discharge of each metal.)
- .....
- .....
- .....
- l) Toxic Material—Name and concentration e.g., cyanide salts, etc.): .....
- .....
- .....
- m) Solvents—Name and concentration: .....
- .....
- .....
- n) Resins—Name and concentration (Lacquers, Varnishes, Synthetics): .....
- .....
- .....
- o) Date and time span of sample .....

Explain hours, method of discharge of waste to Sanitary Sewer and peak rate of flow, e.g., (continuing for 8 hours per day, 5 days per week at 100 gal./day rate) (batch twice a day for 20 minutes at 100 gal./min.) (Continuous 24 hours steady or with peaks at 2 P.M., peak rate 3 M.G.D.) etc.

.....

.....

.....

KLLC05075

Characteristics of Plant Discharge to Storm Sewer, River, or Ditch, after treatment if any. Indicate units of measure where applicable (e.g., Mg/l).

a) pH: ..... b) Turbidity: .....

c) Temperature: ..... d) Radioactive? Yes ..... No .....

e) Solids Concentration:

1) Total Solids ..... Volatile ..... Mineral .....

2) Suspended Solids ..... Volatile ..... Mineral .....

f) Oil and Grease Concentration:

1) Floatable Oils .....

2) Emulsified Oils .....

g) Chlorides .....

h) Chemical Oxygen Demand (C.O.D.): .....

i) 5-day Bio-chemical Oxygen Demand (B.O.D.): .....

j) Total Organic Carbon (T.O.C.): .....

k) Metallic Ions—Name and concentration (Important—list each metal in waste, e.g., chromium hex. and triv. Antimony, Lead, Mercury, Copper, Vanadium, Nickel; give concentration and total daily discharge of each metal.):

l) Toxic Material—Name and concentration (e.g., cyanide salts, etc.):

m) Solvents—Name and concentration:

n) Resins—Name and concentration (Lacquers, Varnishes, Synthetics):

o) Date and time span of sample:

Do you pretreat any waste before discharge? .....

If so, describe process and disposal of residue removed: .....

Certification of Laboratory doing sampling and making analyses shall be given. Procedures shall be those shown in the 13th edition of Standard Methods for the Examination of Water and Wastewater, where applicable. If no procedure is applicable, the laboratory is to describe method and procedure used in analyses.

Signature and title of person preparing report

KLL005076



REPORT UPON

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# OVERFLOW ANALYSIS

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TO  
PASSAIC VALLEY SEWERAGE COMMISSIONERS

PASSAIC RIVER OVERFLOWS

---

IVY STREET, KEARNY  
NPDES. NO. 023/K-007

---

1976

ELSON T KILLAM ASSOCIATES INC  
*Environmental and Hydraulic Engineers* 46 ESSEX STREET MILLBURN NEW JERSEY 07041

KLL016805

PASSAIC VALLEY SEWERAGE COMMISSIONERS

PASSAIC RIVER OVERFLOWS

IVY STREET, KEARNY  
NPDES NO. 023/K-007

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KLL016806

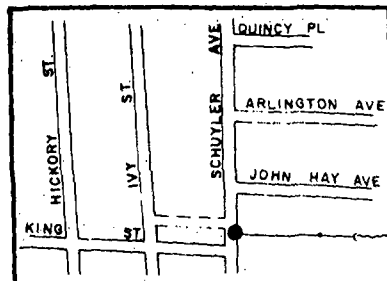
IVY STREET OVERFLOW CHAMBER  
NPDES NO. 023/K-007  
KEARNY

Chamber Location and Description

The Ivy Street chamber which is located in the Town of Kearny is an active overflow discharging into Frank's Creek, a tributary of the Passaic River. This overflow serves a combined sewer district which is a highly developed industrial and residential area. The overflow chamber is located in the easterly right-of-way of Schuyler Avenue, north of the intersection of Schuyler Avenue and King Street (See Plate A). The main outlet for this district is a 108" x 74" elliptical brick sewer, conveying flow to the chamber. The plan and profile of the overflow chamber and piping are shown on Plates A and B. The overflow to Frank's Creek is a 108" x 74" elliptical brick outfall. This outfall has been investigated and found to be clear of debris. During the investigation, neither tidal backwater nor evidence of its effect was observed at this location. It has been concluded that any effect due to a tidal condition along the Passaic River is not likely because of the relative location of the overflow chamber with respect to the Passaic River. Nevertheless, surcharge has been observed at this chamber due to capacity limitations during heavy rainstorms.

Flow from the Ivy Street interceptor enters the diversion chamber, and under normal conditions is diverted to the PVSC branch interceptor, via the regulator. From all appearances the regulator located within the chamber (See Plates B and C) appears to be operable. However, it is highly questionable that it is mechanically functioning,





LOCATION PLAN

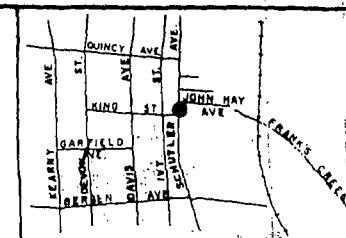


LEGEND

- DIRECTION OF FLOW
- S.C. = SAND CATCHER
- T.G. = TIDE GATE
- UP STR. = UPSTREAM
- DN STR. = DOWNSTREAM
- N.T.S. = NOT TO SCALE
- = OVERFLOW LOCATION

NOTES

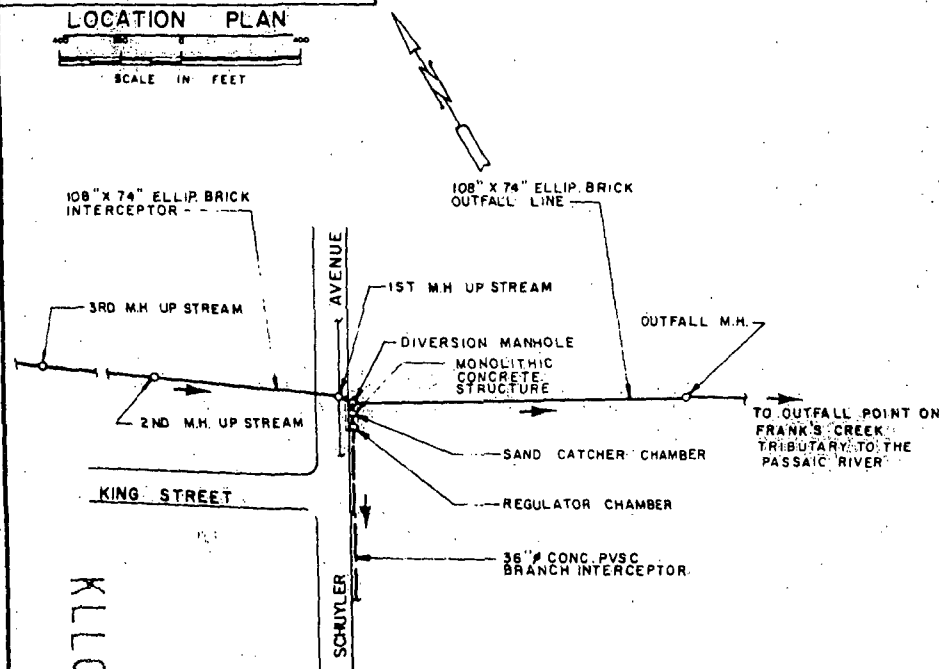
1. ALL SIDE PIPELINES EXCEPT PVSC BRANCH INTERCEPTOR ARE OMITTED IN PROFILE FOR CLARITY.
2. TIDE GATE, CHAMBERS ARE LOCATED ADJACENT TO OUTFALL AT FRANK'S CREEK.



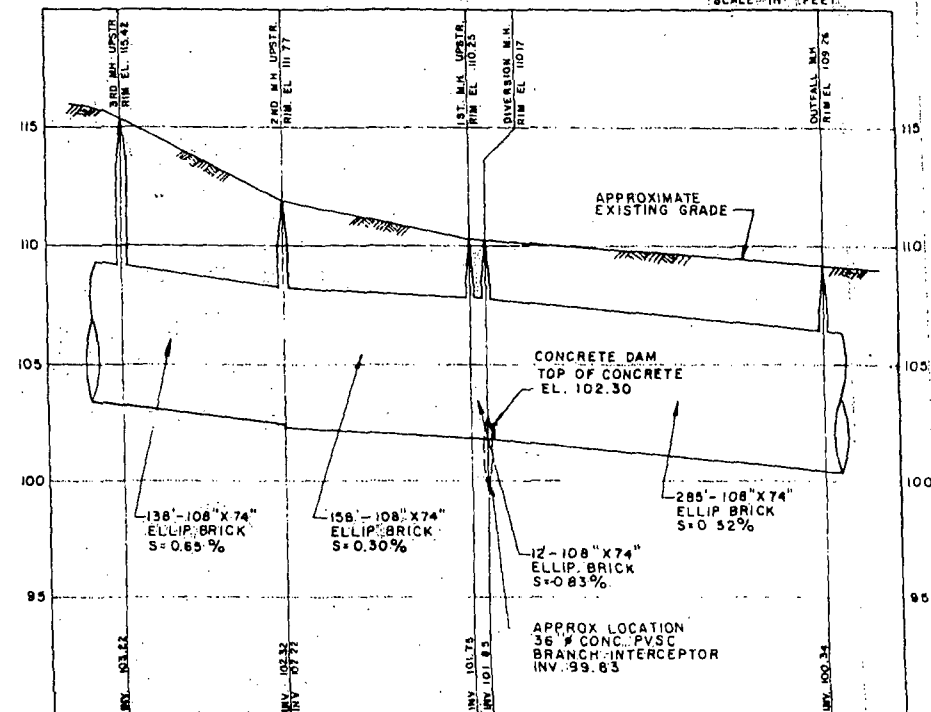
KEY MAP



(2)



PLAN



PROFILE

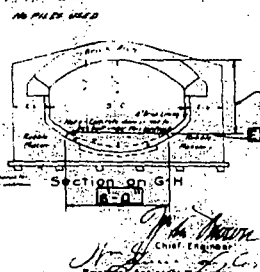
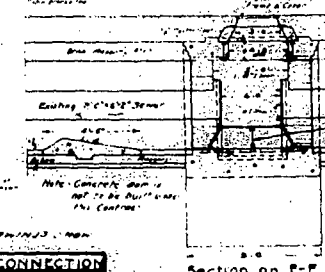
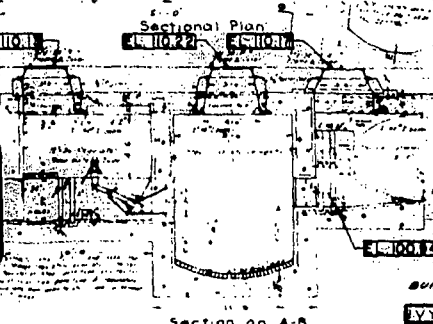
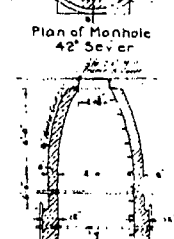
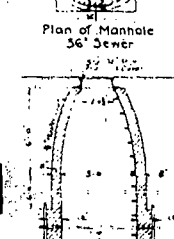
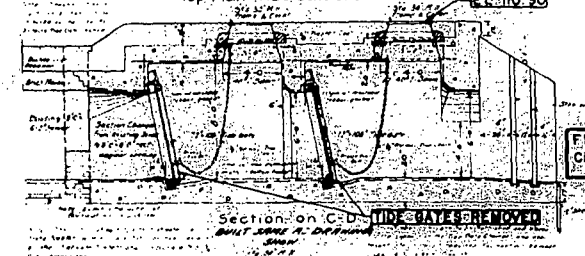
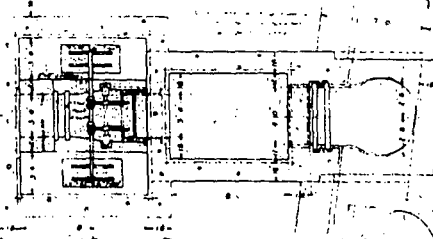
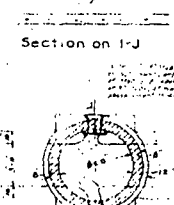
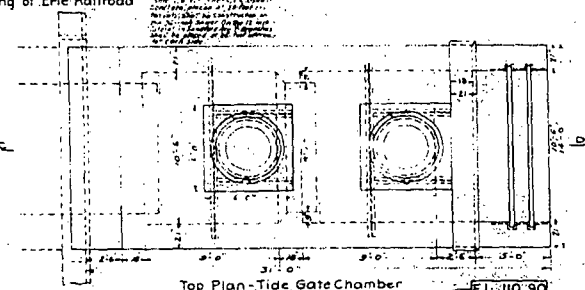
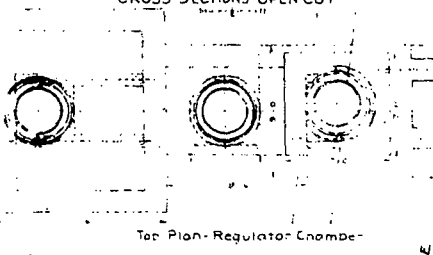
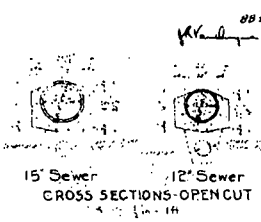
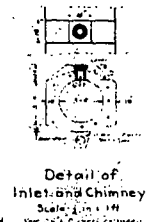
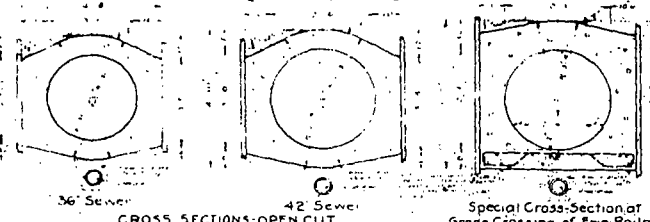


PASSAIC VALLEY SEWERAGE COMMISSION  
OVERFLOW CHAMBER NO. 023/K-007  
IVY STREET, KEARNY

PLAN AND PROFILE

ELSON E. KILLAM ASSOCIATES, INC.  
Professional and Technical Engineers

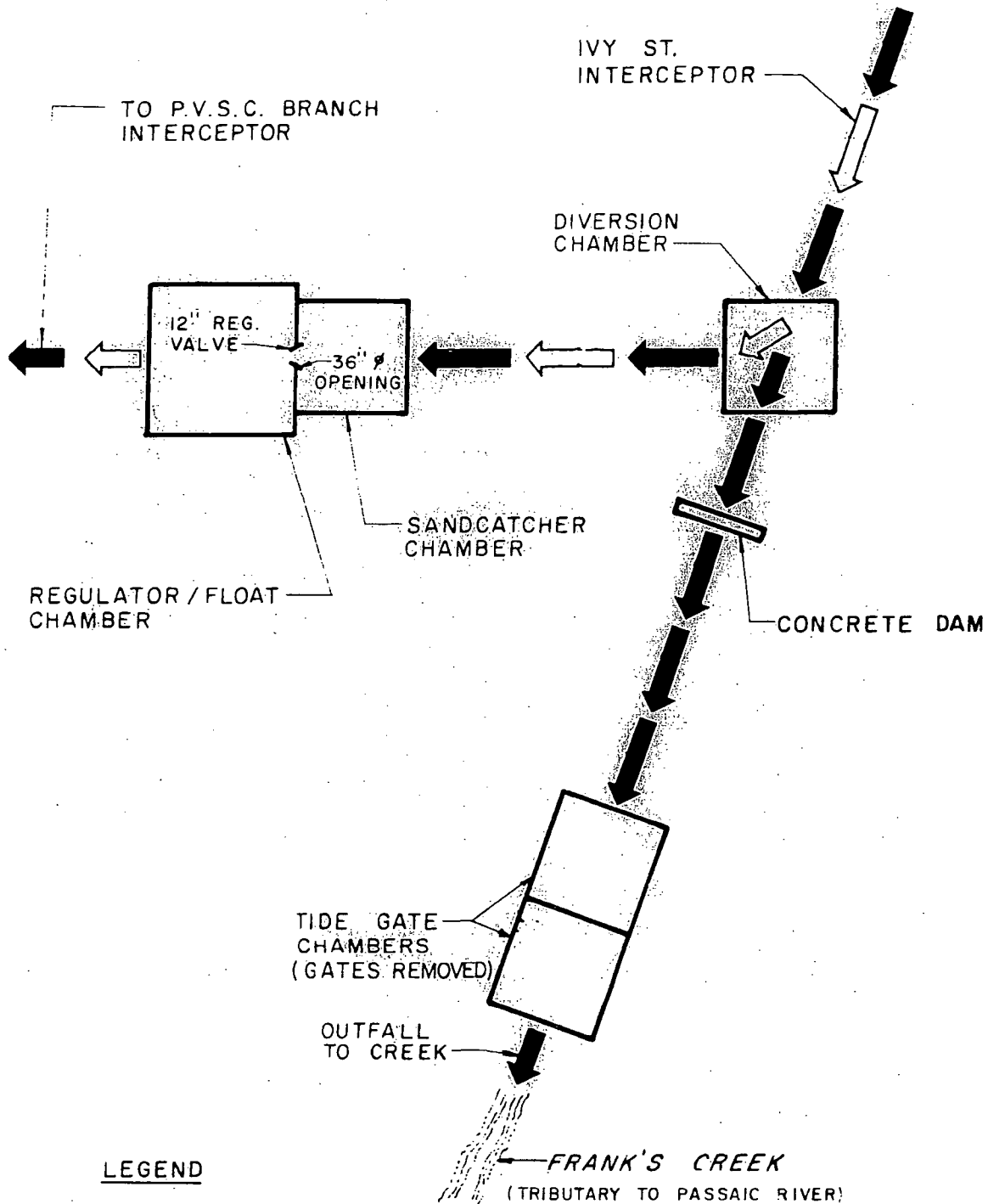
ALL ELEVATIONS BASED ON  
B.M. AT 100' AS ESTABLISHED BY  
NEW JERSEY GEODETIC CONTROL SURVEY  
FOR LOCATION AND DESCRIPTION  
SEE APPENDIX



STANDARD MANHOLES  
BUILT SAME AS DRAWINGS SHOWN  
State of New Jersey  
PASSAIC VALLEY SEWERAGE COMMISSIONERS  
KEARNY-HARRISON-NEWARK  
BRANCH INTERCEPTING SEWER  
CONTRACT DRAWINGS-SECTION 27-NORTH  
TOWNS OF HARRISON AND KEARNY  
CONSTRUCTION DETAIL  
May 1, 1917  
ACC. NO. D2844

(3)

KLLO16809



PASSAIC VALLEY SEWERAGE COMMISSIONERS  
IVY STREET, KEARNY

### SCHEMATIC

ELSON T. KILLAM ASSOCIATES, INC.  
Environmental and Hydraulic Engineers 48 ESSER STREET MILLBURN NEW JERSEY 07041

IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

particularly from experience with other similar installations. We have, therefore, assumed for the purpose of the study, that the regulator is full-open even though some mechanism movement was observed. Under any circumstances, the regulator will require renovation because of its age, and providing its continued use is adopted as an alternative. There is no flap gate in the Ivy Street chamber to manually divert combined flow to the creek, nor is any other known action taken at this location other than the normal diversion of combined flow to the creek during certain rainstorms.

A concrete dam is located immediately downstream of the diversion chamber and serves to prevent dry weather flow and some storm flow from being discharged to the creek. Inspection of the tide gate chambers disclosed that both gates were missing, implying their redundancy.

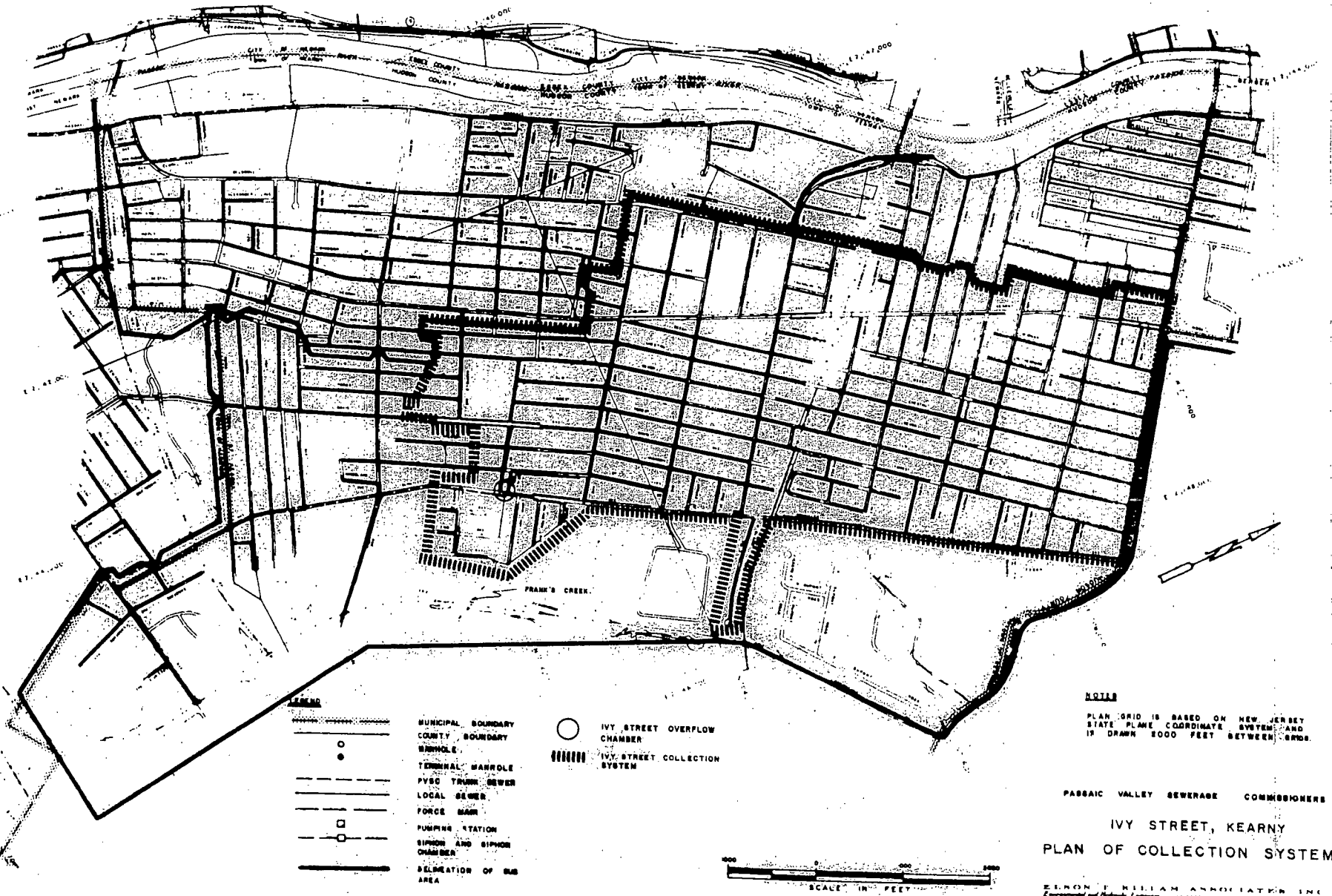
During the investigation, the overflow chambers were examined, verifying information and dimensions pertinent to this study. The verified information has been recorded on Plate B (See boxed annotations).

Area Served and Dry Weather Flow

The collection district served by the Ivy Street combined sewer is about 0.949 square miles in area, or about 607 acres (See Plate B). The average daily flow has been estimated to vary seasonally throughout the year from about 3.0 MGD (dry weather months) to 3.5 MGD (wet weather months). The range in the average daily flow is attributed to the variations in water table and its subsequent effect upon infiltration. It was observed that all sewage flows (during periods of no rainfall, albeit, seasonal variations) from the district, including periods of

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IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

daily peak flow rates, are discharged into the PVSC Branch Interceptor without any overflow into the creek. The study indicates that an overflow does not occur unless total combined flow in the collection system exceeds about 13 MGD. In other words, overflow at this chamber occurs only during periods of rainfall.

Storm Water Overflows

Review of the collection district indicates that a substantial portion of the 607 acres is served by combined sewers. Catch basins are located throughout the area and these are connected directly either to the combined sewers, for the most part, or to separate storm drainage. Thus, storm water enters the catch basins, increases flow to the sewers, and carries dirt, street sweepings, and surface contaminants into the pipeline, resulting in overflow and additional pollution to the river.

In order to measure the overflows due to storms and to obtain some measure of the wastewater characteristics during rainfalls of various intensities, flow measurement and sampling equipment was installed in the diversion chamber. The sampler was capable of automatically obtaining composite samples at regular intervals. The sampler was adjusted to collect a 125-ml sample, each 3.75 minutes during the period of overflow (flow over the concrete dam), compositing a 500-ml sample each 15 minutes.

Measurement of storm water overflows and sampling started in December, 1974, and continued through June, 1975. During this period rainfall occurred on forty-five occasions, of which thirty-two overflows to the creek were observed. Table 1 presents these rainfall occurrences with results

TABLE 1  
OVERFLOW OBSERVATIONS

IVY STREET, KEARNY, N.J.

NPDES NO. 023/K-007

RAINFALL							OVERFLOW		SAMPLING - WATER QUALITY													
Rain Date	Amount (In.)	Duration (Hrs.)	Average Intensity (In./Hr.)	Maximum Intensity (In./Hr.)	Duration (Hrs.)	Peak Rate (MGD)	Average Rate (MGD)	Volume (MG)	Sampling Duration (Hrs.)	Number of Samples	TSS				COD				BOD			
											1st	Max	Min	Avg	1st	Max	Min	Avg	1st	Max	Min	Avg
											(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
1-1	0.37	11.00	0.034	0.07	1.00	2.0	1.6	0.1														
1-6/7	0.55	12.00	0.046	0.09	1.12	4.0	2.3	0.1	0.75	3	188	188	90	131.3	271	271	105	171.0	107	107	54	72.3
1-8	0.05	1.00	0.050	0.05		NO OVERFLOW																
1-9	0.77	9.50	0.076	0.16	6.75	55.0	18.7	5.3	3.75	15	258	258	94	143.5	212	212	44	34.8	78	111	33	55.5
1-11	0.12	9.00	0.013	0.04		NO OVERFLOW																
1-13	0.77	16.00	0.084	0.09	7.00	46.0	20.7	6.0	6.00	24	120	186	74	123.3	327	1171	263	421.4	125	255	92	157.8
1-18	0.73	6.00	0.122	0.20	5.50	79.0	34.9	8.0	5.50	22	274	386	84	158.7	432	941	61	223.0	178	551	21	131.1
1-19/20	0.30	16.00	0.019	0.07	3.47	5.5	2.2	0.3														
1-25	0.64	13.50	0.047	0.09	5.50	19.5	4.6	1.1														
1-29	0.54	8.00	0.068	0.12	6.00	19.5	5.4	1.3														
2-5/6	0.48	13.00	0.037																			
2-12	0.62	7.00	0.089																			
2-19	0.15	2.00	0.075	0.11		NO OVERFLOW																
2-23	0.40	3.50	0.114	0.17	2.75	43.5	17.3	2.0	2.75	24	76	342	6	98.4	145	408	32	131.2	99	111	36	63.0
2-24	1.15	22.00	0.052	0.44	5.50	114.0	26.3	6.0	5.00	20	182	182	90	135.9	517	533	86	375.9	207	289	86	182.9
3-12	0.62	6.50	0.095						1.00	4	876	876	22	297.0	1844	1844	132	770.0	920	720	40	258.3
3-14	0.35	5.25	0.067																			
3-19/20	1.40	23.00	0.061																			
3-21	0.05	2.00	0.025	0.03		NO OVERFLOW																
3-24	0.19	8.75	0.022	0.04		NO OVERFLOW																
3-29	0.07	1.00	0.070	0.08		NO OVERFLOW																
3-30	0.38	4.50	0.084																			
4-3	0.75	6.00	0.125						3.00	12	326	326	8	98.5	324	440	72	144.7	161	278	21	67.6
4-15	0.10																					
4-16	0.04	1.00	0.040	0.04		NO OVERFLOW																
4-24/25	0.64	9.00	0.071						3.00	12	130	130	16	40.3	316	316.4	134.7	84	98.12			50.8
4-25/26	0.35	7.50	0.047																			
5-1	0.06	4.00	0.015	0.03		NO OVERFLOW																
5-2	0.12	0.75	0.160																			
5-4/5	1.05	25.75	0.041																			
5-6	0.21	1.20	0.175																			
5-7	T					NO OVERFLOW																
5-12/13	0.47	5.75	0.082	0.18	1.88	97.0	34.3	2.7	2.00	8	484	484	30	156.0	1940	1940	31	484.5	833	833	18	160.3
5-13	1.05	4.50	0.233	0.37	2.03	140.0	44.3	3.8	4.50	18	NO RESULTS				303	380	51	151.3	110	177	35	84.6
5-16	0.63	5.17	0.122	0.25	2.83	46.0	14.8	1.8														
5-21	0.05	2.00	0.025	0.04	0.25	2.5	1.5	Neg.														
5-25	0.32	1.75	0.183	0.37	0.50	2.5	1.0	Neg.														

(8a)

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TABLE 1  
OVERFLOW OBSERVATIONS

NPDES NO. 023/k-007

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(CONTINUED)

RAINFALL							OVERFLOW			SAMPLING - WATER QUALITY														
Rain Date	Amount (In.)	Duration (Hrs.)	Average	Maximum	Duration (Hrs.)	Peak Rate (MGD)	Average Rate (MGD)	Volume (MC)	Sampling Duration (Hrs.)	Number of Samples	TSS				COD				BOD					
			Intensity (In./Hr.)	Intensity (In./Hr.)							1st	Max	Min	Avg	1st	Max	Min	Avg	1st	Max	Min	Avg		
5-30	0.22	8.75	0.025	0.07		NO OVERFLOW																		
6-1	1.60	12.00	0.133	0.83	3.72	244.0	147.0	22.8																
6-2	0.06					NO OVERFLOW																		
6-5	0.18	1.50	0.120	0.14	0.25	1.5	1.0	Neg.																
6-5/6	1.60	11.00	0.145	0.74	4.08	114.0	44.7	7.6	4.00	16	84	264	36	122.1	192	396	28	132.5	43	47	9	24.1		
6-6	0.57	1.67	0.342	0.62	1.63	88.0	26.2	1.8																
6-12/13	1.85	25.09	0.074	0.15	9.92	35.0	12.6	5.2																
6-16	0.10	1.00	0.100	0.10	1.25	114.0	32.5	1.7																

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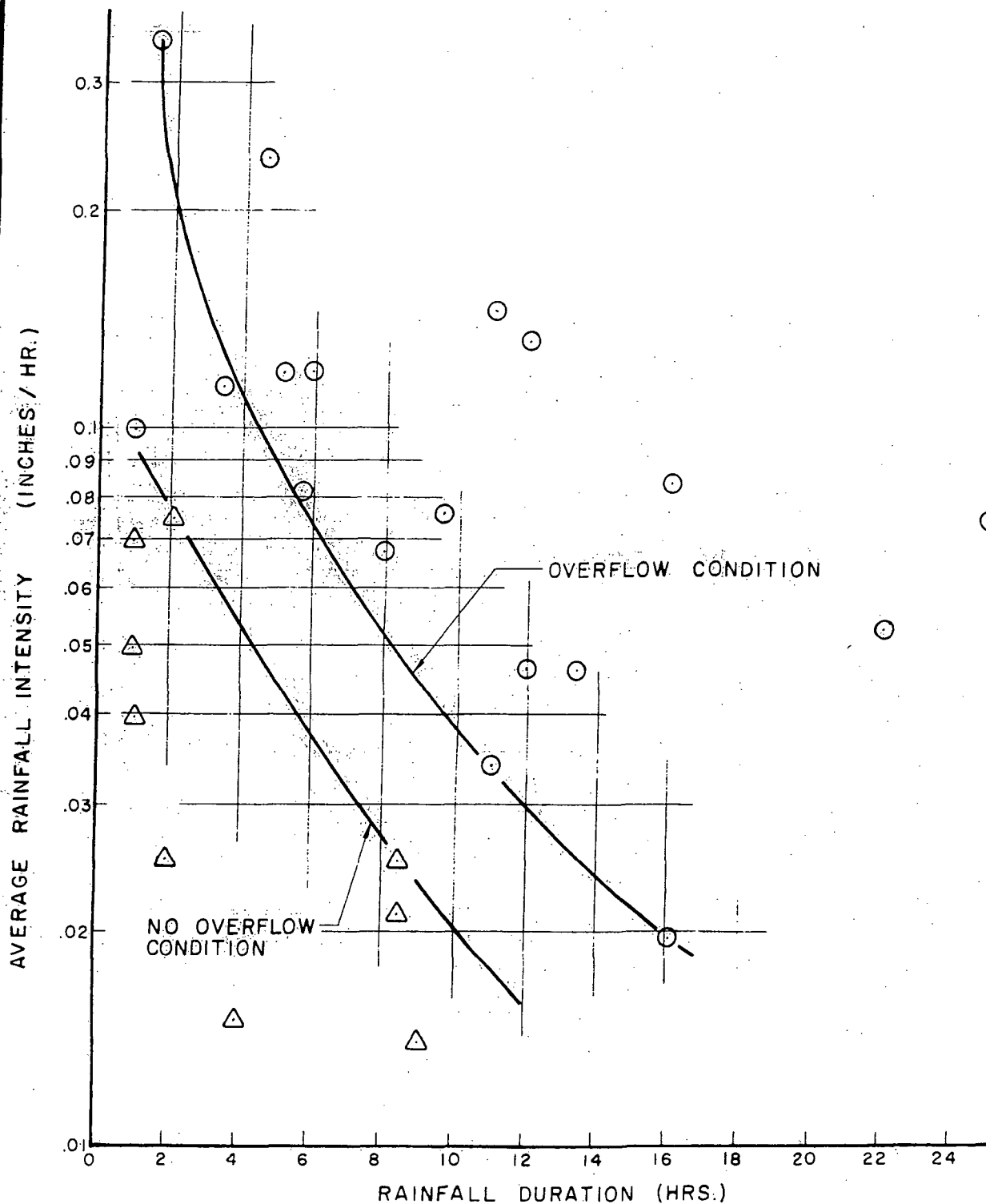
KLL016815



IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

of twenty-one overflows for which data was considered valid. During these measurements, the observed rainfall ranged from a trace to 1.85 inches. The duration of the rainfall varied from 0.75 hours to 25.75 hours. Consequently, the average rainfall intensity varied from about 0.013 inches per hour to 0.342 inches per hour. Observation indicates that overflow occurred when the rainfall intensity reached about 0.02 inches per hour for about 16 hours, while similar intensities did not seem to produce overflows within 9 hours of rainfall. Similarly, no overflows had been recorded for intensities as high as 0.075 inches per hour but for lesser periods of about 2 hours (2/19/75). It is interesting to note that based on 45 rainfall events, 12 were represented by rainfall intensities up to 0.075 inches per hour and produced no overflow, while rainfalls of intensities from 0.019-0.342 inches per hour produced overflows for rainfalls of 16 hours (0.019 inches per hour) and 1.67 hours (0.342 inches per hour).

Table 1 indicates maximum intensities (inches per hour) which is the peak intensity over the period of time of concentration, calculated to the point of overflow ( $t_c=47$  minutes). The maximum intensity, therefore, is a closer indication of the effect of the storm's intensity and duration, that is, overflow compared to no overflow. Since the overflow results from a combination of average intensity and duration of rainfall, a curve has been prepared (Plate E) presenting this relationship, with respect to conditions of overflow. The curves indicate the highest limit of intensity/ duration producing no overflow as well as the lowest limit, equal to and above which some overflow might be expected. During periods of overflow, the duration, and peak and average rates of overflow



# LEGEND

- OVERFLOW
- △ NO OVERFLOW

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
IVY STREET, KEARNY

AVERAGE RAINFALL INTENSITY  
VS.  
RAINFALL DURATION

ELSON T. KILLAM ASSOCIATES, INC.  
Environmental and Hydraulic Engineers 40 ESSEX STREET HILLBURN NEW JERSEY 07041

IVY STREET OVERFLOW - 023/K-007 (Cont'd)

were determined. Additionally, the overflow volume was calculated and is also presented in Table 1. The data and subsequent results are presented in chronological order for the entire period of metering and sampling.

In order to determine the relationship between maximum rainfall intensity, determined for the overflow, and peak overflow rate (Table 1), a curve was prepared (Plate F) representing the relationship of this data. During periods of overflow, peak overflow rates of about 244 MGD were recorded. The overflow rates for lesser rainfall intensities all appear to follow a predictable magnitude.

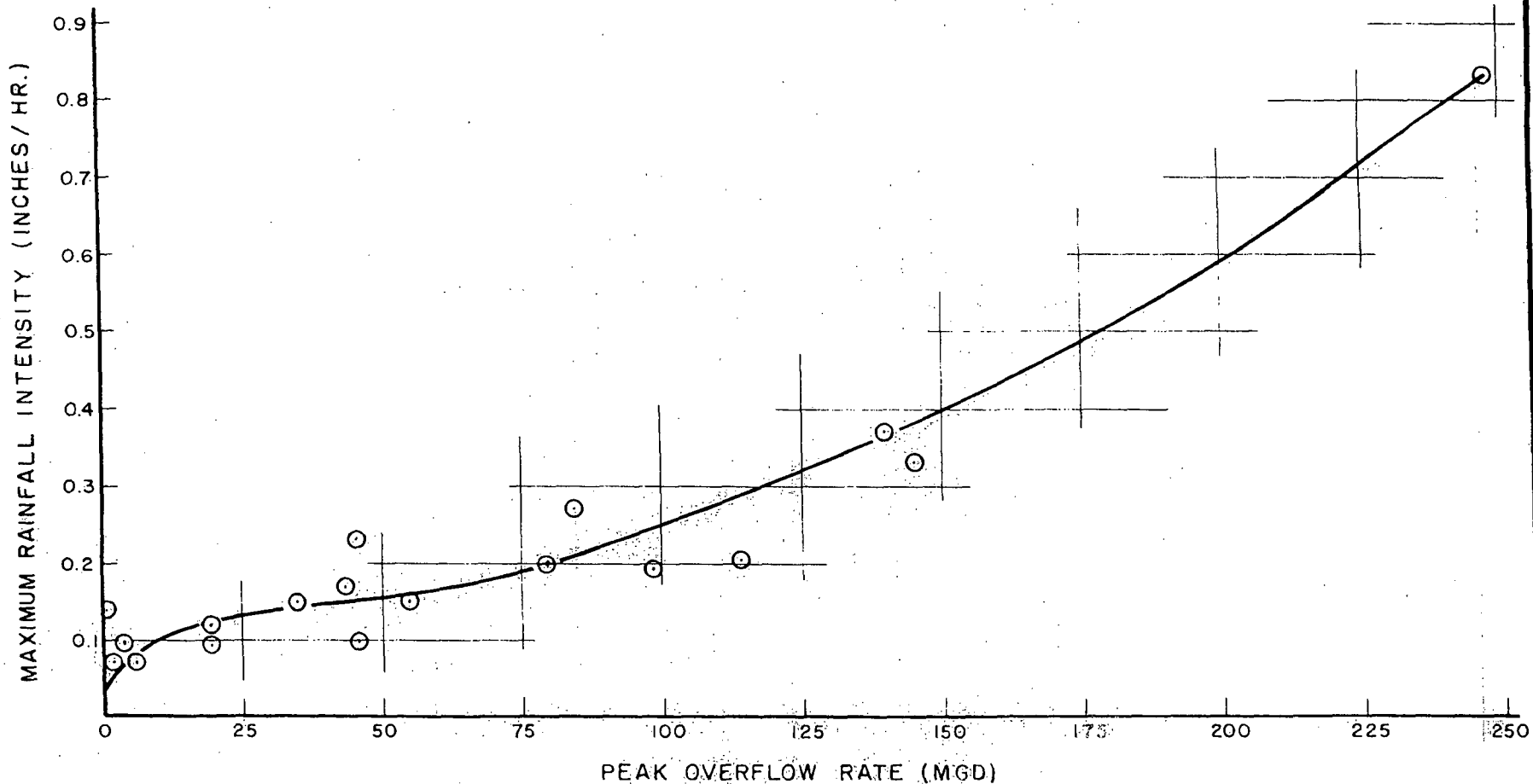
The volume of overflow in Millions of Gallons (MG), dependent on overflow duration (in Hours) has been included in Table 1 and has been recorded to be as much as 22.8 MG for a peak overflow rate of 244.0 MGD based on a 3.72-hour duration of overflow (peak intensity: 0.83 inches per hour). This peak overflow occurred during a storm (6/1/75) when the district outlet sewer (108" x 74") apparently reached its capacity (260 MGD). During this occurrence, it has further been estimated that about 16 MGD was diverted to the PVSC Branch Interceptor. It did not appear that the regulator was functioning (i.e. did not close).

Storms of lesser intensity and duration produced comparatively lower-order overflows, with duration of overflow in all cases less than rainfall duration.

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PLATE F



LEGEND

○ DATA POINTS

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
IVY STREET, KEARNY  
MAXIMUM RAINFALL INTENSITY  
VS.  
PEAK OVERFLOW RATE

ELSON T. KILLAM ASSOCIATES, INC.  
Environmental and Hydraulic Engineers  
40 ESSEX STREET, MILLBURN, NEW JERSEY 07041

KLL016819

IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

Storm Water Overflow Characteristics

Overflows were sampled and analyzed by the PVSC Laboratories to determine parameters such as Total Suspended Solids (TSS), Chemical Oxygen Demand (COD), and Biochemical Oxygen Demand (BOD), among others. The results of these analyses have been summarized in the Appendix. The data (TSS, COD, and BOD) was then presented graphically (See Appendix) for baseline data (Dry Weather Flow), as well as for one storm (1/18/75) for illustrative purposes. Portions of the baseline data were plotted on the curves (in mg/l vs time) for the 1/18/75 storm, thus indicating the trend of daily dry weather flow variations as compared to storm flows. Unquestionably, daily trends during the periods of observed overflow must be considered in the analysis. The curve of TSS, for example, rises in this area (on a daily basis) between 1300 hours to 1800 hours, similar to the recorded overflow occurrence on 1/18/75 (See Appendix). The other parameters exhibit similar peaks and trends. It is, therefore, concluded that while the addition of storm water at this location may change the strength of the combined wastewater, the quality is still subject to variations during the period of the overflow similar to that experienced on a daily basis and from the same sources, as well as any variations due to storm flow wash.

Portions of the sampling data have been presented in Table 1 for each of the three parameters (TSS, COD, and BOD). The data has been arranged to indicate results of the first sample (first 15-minute composite sample) as a reference to possible initial strength at the outset of the overflow. The remaining headings are self-explanatory.

IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

Analysis of Data

Total Suspended Solids (TSS)

The data (TSS, COD, and BOD) arranged in the Appendix, is presented graphically (Plates G-L). The data is examined by storm, (Strength vs. Elapsed Time, from the onset of overflow), and by overflow occurrence (Pollutional Load to the creek, pounds, vs. Total Volume of Overflow, MG). A third set of curves is also included to indicate the relationship of pollutant discharge per overflow volume, to the daily average dry weather load (Percent of Baseline Load vs. Overflow).

Hourly averages of TSS data (mg/l) were plotted (Plate G) with respect to elapsed time from overflow for each storm. The overflows, as listed in Table 1, have been assigned numbers of rank from 1-8, in order of increasing rank. Consequently, the resulting curves have been assigned the same numbers of rank to identify the storm, as well as indicate the relative magnitude of the resulting overflow volume.

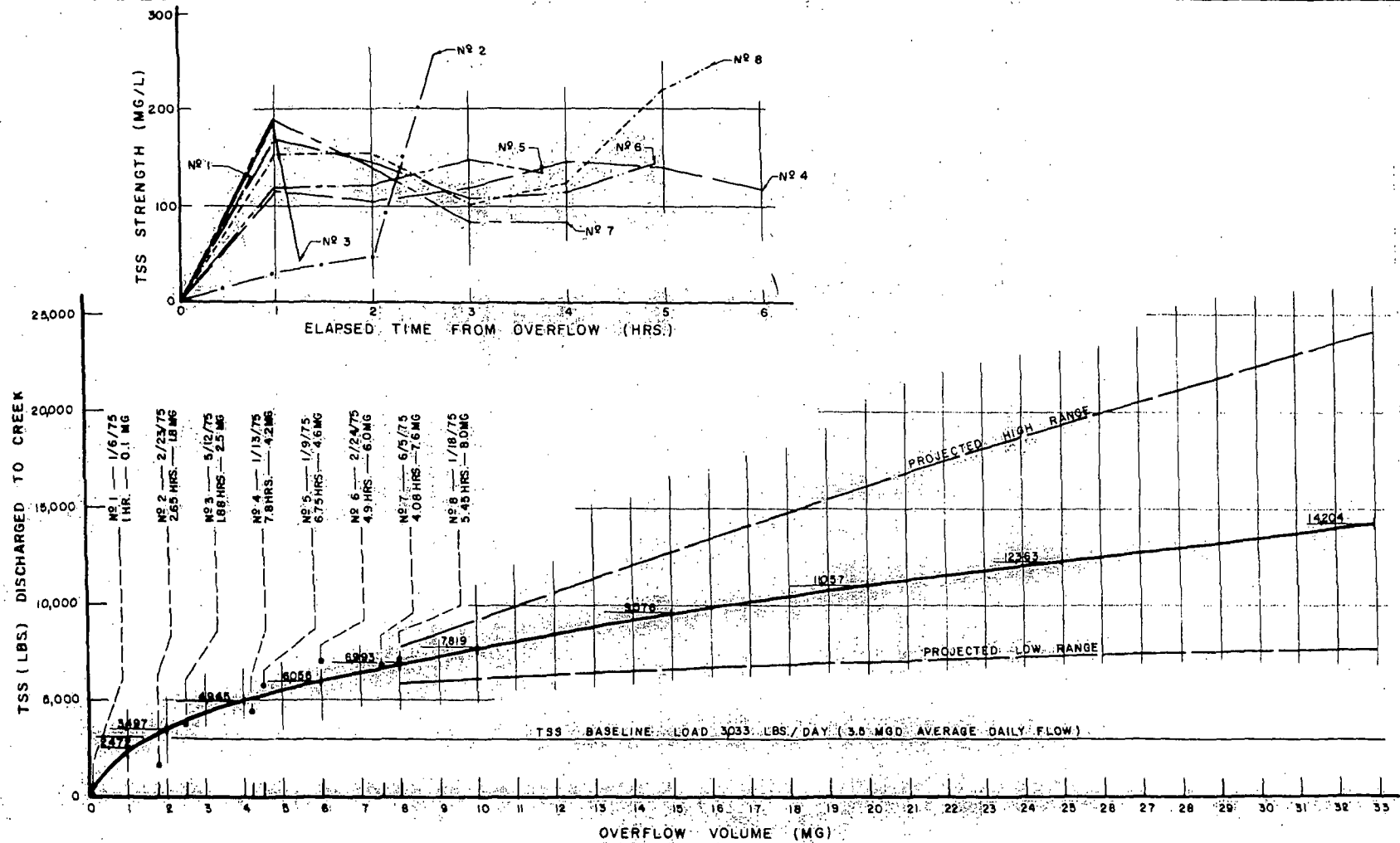
Although the plot appears to be somewhat erratic, it may, in part, be due to some diurnal variation, since all overflow occurrences have been plotted from a common point in time, namely, time from start of overflow, without regard to actual time. The plot, nevertheless, appears to verify:

- a. Initial high values of TSS,  $\pm 100$  mg/l - 175 mg/l.
- b. Definite reductions of strength after the first hour of overflow;  $\pm 75$  - 140 mg/l. In other words, approximately 20-25% reduction per storm.

The curves also appear to indicate a relatively close relationship of TSS strength (mg/l), regardless of the magnitude of the storm.

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PASSAIC VALLEY SEWERAGE COMMISSIONERS  
 IVY STREET, KEARNY  
 TSS (LBS) DISCHARGED TO CREEK  
 VS.  
 OVERFLOW VOLUME (MG)

ELSON, T. KILLAM ASSOCIATES, INC.  
 Environmental and Hydraulic Engineers  
 40 SOUTH STREET, JERSEY CITY, N.J. 07310

PLATE G

IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

It is expected that storms of great intensity producing substantial amounts of run-off wash large quantities of pollutants into the sewers and also cause residual loads in the sewer to flush downstream. It is further expected that pollutional loads decrease as the storm duration lengthens, reducing initial high concentrations to some lower and more dilute level. The actual pollutional strength (mg/l) is dependent on the extent and character of the catchment area, effectiveness of street sweeping program, previous rainstorms and the like, and results in data which, while appearing to be erratic to an extent, nevertheless leads to the conclusion that, given a storm resulting in a run-off, pollutional loads will increase due to wash into the system and system flush. However, this will be offset by dilution of the storm water.

The weighted average TSS strength (mg/l) for each storm occurrence (See Appendix) was used to compute the total pounds of TSS discharged to the creek for each overflow (MG). This information was then plotted (Plate G) with respect to the volume of overflow for each storm. Additionally, the total daily dry weather flow TSS strength was calculated from the baseline data (See Appendix), composited in accordance with flow and amounting to 103.9 mg/l. Average daily dry weather flow of  $\pm 3.5$  MGD, at the strength of 103.9 mg/l, results in a baseline load of 3,033 pounds of TSS, plotted as a straight line.

The TSS (pounds) during any observed overflow at this location appeared to be in excess of the baseline (24-hour) dry weather flow condition.



IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

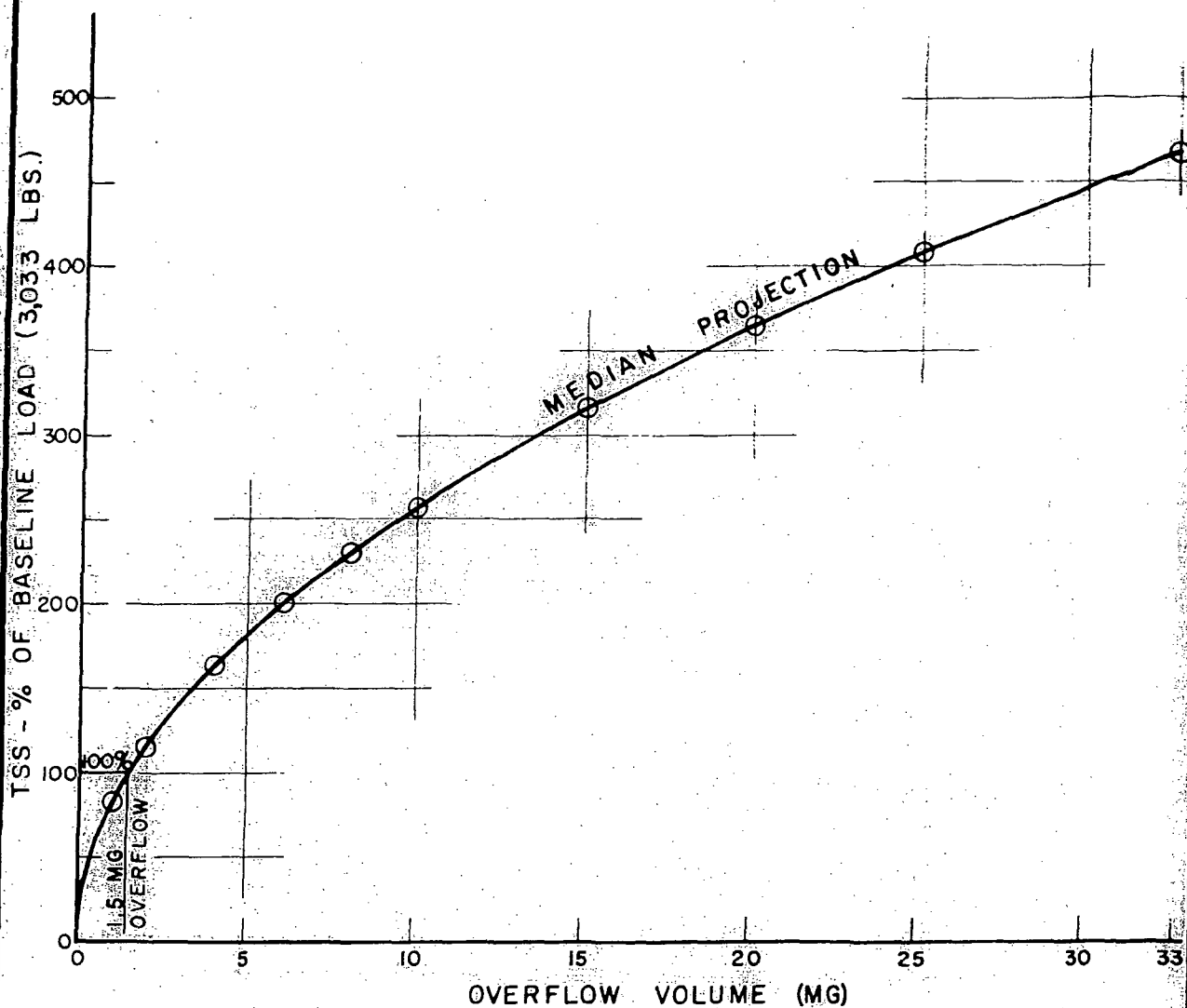
While sampling data is available for overflows up to 8 MG, greater overflows would, it is presumed, exhibit a somewhat lower strength of TSS and would result in an extension of the curve which would be flatter, or level off. Extrapolation of the curve beyond 8.0 MG overflow was accomplished by a computer fit, to the available data, based on statistical methods. The curves (See Plate G) were plotted, projecting the high and low range, as well as the median load to the receiving streams.

The TSS discharged to the creek during an overflow is the result of suspended solids, being part of the sanitary flow, as well as that fraction of TSS washed into the system by the storm. The pounds of TSS measured at the overflow have been expressed as a percentage of the baseline (Dry Weather Flow) load (3,033 lbs. of TSS per day). The results have been plotted (Plate H) and indicate that the storm load as a percentage of base load increases for greater overflows, but at a decreasing rate.

The general trend of the curve is indicated by the following table:

<u>Overflow (MG)</u>	<u>% of Baseline Load</u>
1	82%
2	115%
4	163%
6	200%
8	231%

The projected trend was determined by computer and extrapolated by curve-fitting, based on a least squares fit to data points (standard statistical methods), as follows:



LEGEND

○ COMPUTATION POINTS

KLL016825

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
IVY STREET, KEARNY

TSS - % OF BASELINE LOAD  
VS.  
OVERFLOW VOLUME (MG)

ELSON T. KILLAM ASSOCIATES, INC.  
*Environmental and Hydraulic Engineers* 48 ELMER STREET MILLBURN, NEW JERSEY 07041

ELSON T. KILLAM ASSOCIATES, INC.

IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

<u>Projected Overflow (MG)</u>	<u>% of Baseline Load</u>		
	<u>Low</u>	<u>Median</u>	<u>High</u>
10	202	258	306
15	219	316	423
20	232	365	532
25	242	408	636
33	256	468	794

A peak overflow volume was calculated at approximately 22.0 MG, based on actual observations and calculations. These calculations were based on a storm of 6/1/75 producing an overflow which lasted 3.72 hours. In order to establish a common point of comparison for all overflows, estimates have been made of the overflows that might be expected from a one-year storm producing a six-hour overflow. In cases where the peak flow rate produced by a one-year storm exceeds the discharge capacity of the system, the lesser rate was used to determine the overflow volume during the assumed six-hour period. The latter condition prevails at the Ivy Street overflow; that is, the overflow for a six-hour period was computed based on peak discharge capacity, resulting in an overflow volume of 33 MG.

ELSON T. KILLAM ASSOCIATES, INC.

IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

Chemical Oxygen Demand (COD)

Plot of hourly averages of COD (mg/l) vs. elapsed time from overflow (Plate I) indicates:

- a. Wide variation of results
- b. Initial values (first hour) of COD range from  $\pm 75 - 630$  mg/l.
- c. Reductions of strength after the first hour to strengths of  $\pm 50 - 400$  mg/l ( $\pm 33 - 52\%$  reduction) per storm.
- d. No apparent relation of storm rank to either initial COD strength or to strength after several hours.

Plot of total pounds of COD discharged to the creek vs.

volume of overflow (MG) (Plate I) indicates:

- a. A wide variation of results for each measured overflow.
- b. The fitted curve indicates a trend represented by a rising, flattening curve, which is in the limits of observations (8 MG overflow).
- c. Baseline load (COD) has been calculated as being 10,806 pounds of COD per day (based on 3.5 MGD average daily flow) and has been plotted as a straight line.
- d. Overflows below + 5 MG discharge less COD than the Baseline load (10,806 pounds).

Plot of COD, as a percent of the Baseline Load vs. Overflow

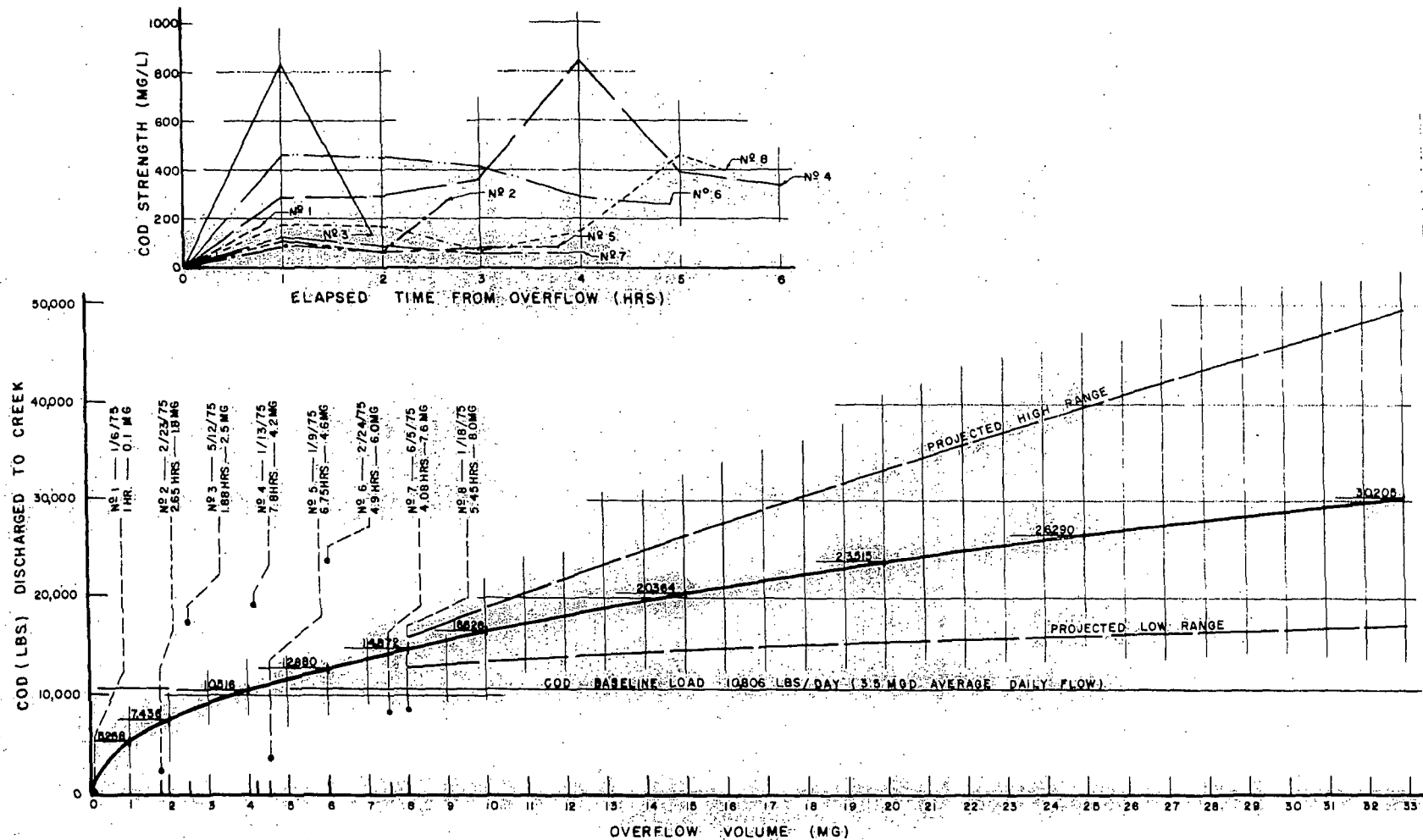
Volume (MG) (Plate J) indicates:

- a. The trend of COD for measured overflow of various magnitudes compared to baseline load of 10,806 pounds/day.

<u>Overflow (MG)</u>	<u>% of Baseline Load</u>
1	49%
2	69%
4	97%
6	119%
8	138%

(21)

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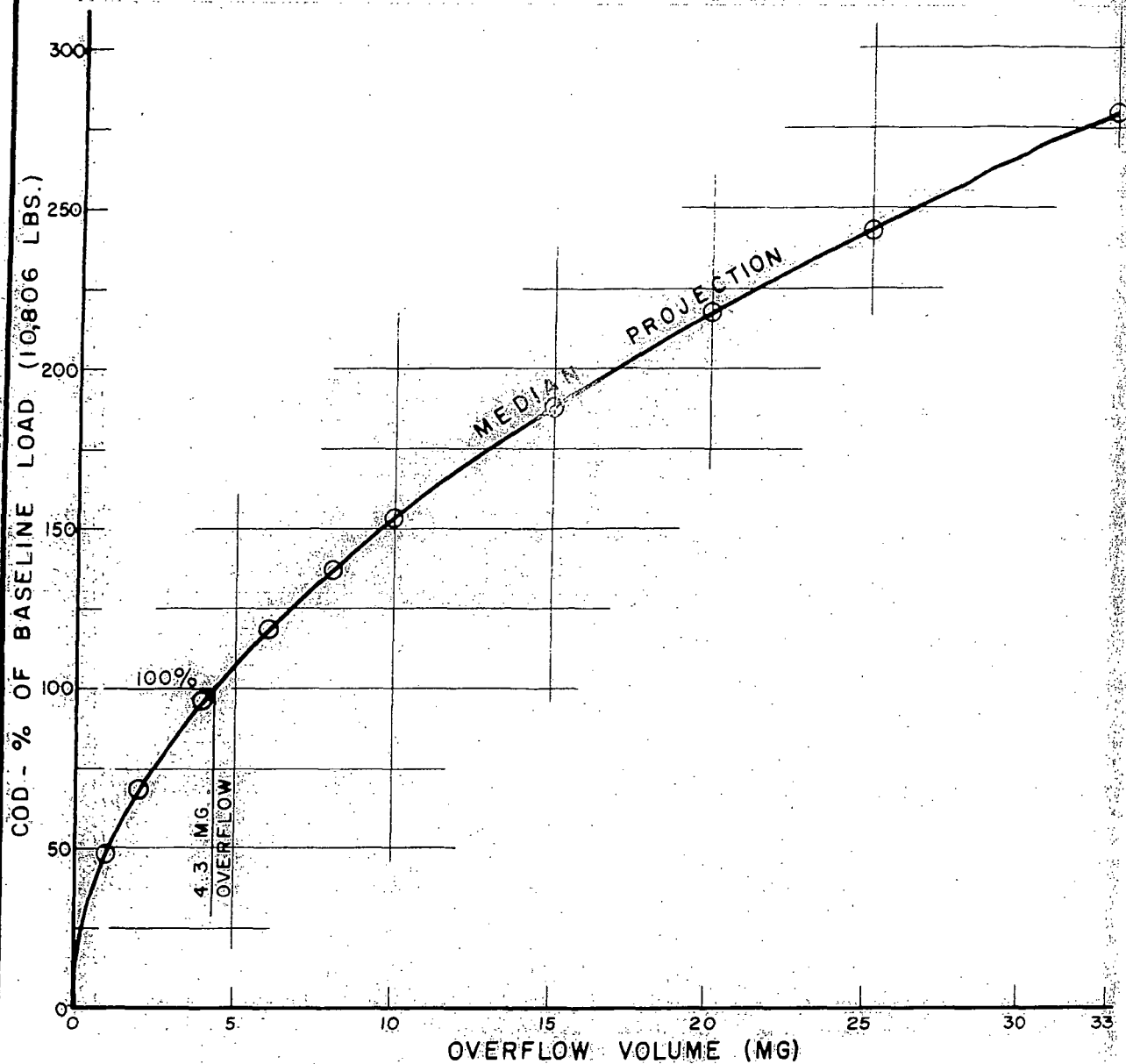


LEGEND  
• OBSERVED OVERFLOW OCCURRENCES

PASSAIC VALLEY SEWENAGE COMMISSIONERS  
IVY STREET, KEARNY  
COD (LBS) DISCHARGED TO CREEK  
VS  
OVERFLOW VOLUME (MG)

ELSON T KILLAM ASSOCIATES, INC.  
Environmental and Hydraulic Engineers  
40 HOBBS STREET, HOBOKEN, NEW JERSEY 07030

PLATE I



# LEGEND

○ COMPUTATION POINTS

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
 IVY STREET, KEARNY  
 COD - % OF BASELINE LOAD  
 VS.  
 OVERFLOW VOLUME (MG)

ELSON T. KILLAM ASSOCIATES, INC.  
 Environmental and Hydraulic Engineers 48 CREEK STREET, HILLBURN, NEW JERSEY 07041

IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

b. The projected trend for overflow in excess of 8 MG is:

<u>Overflow (MG)</u>	<u>Projected % of Baseline Load</u>		
	<u>Low</u>	<u>Median</u>	<u>High</u>
10	125	154	176
15	135	188	243
20	143	218	306
25	150	243	366
33	159	280	457

c. A peak recorded overflow volume was calculated to be approximately 22.0 MG. Estimated overflow for the projected six-hour overflow duration amounts to a volume of about 33 MG.

Biochemical Oxygen Demand (BOD)

Plot of hourly averages of BOD (mg/l) vs. elapsed time from overflow (Plate K) indicates that:

- Relatively close variation of results (closer grouping of curves than COD, and wider than TSS).
- Initial values (first hour) of BOD range from  $\pm 25 - 275$  mg/l.
- Reductions of strength after the first hour to  $\pm 20 - 175$  mg/l ( $\pm 20 - 36\%$ ) per storm.
- No apparent relationship of storm rank to either initial BOD strength or strength after several hours.

Plot of total pounds of BOD discharged to the creek vs. volume of overflow (MG) (Plate K) indicates:

- A wide variation of results for each measured overflow.
- The fitted curve indicates a trend representing a rising, flattening curve within the limits of observation (8 MG overflow).
- Baseline load (BOD) has been calculated as being 7,858 lbs. of BOD per day (based on 3.5 MGD average daily flow), and has been plotted as a straight line.
- The BOD discharged to the creek for overflows up to  $\pm 15$  MG appears to be less than the baseline load (7,858 lbs.).

(24)

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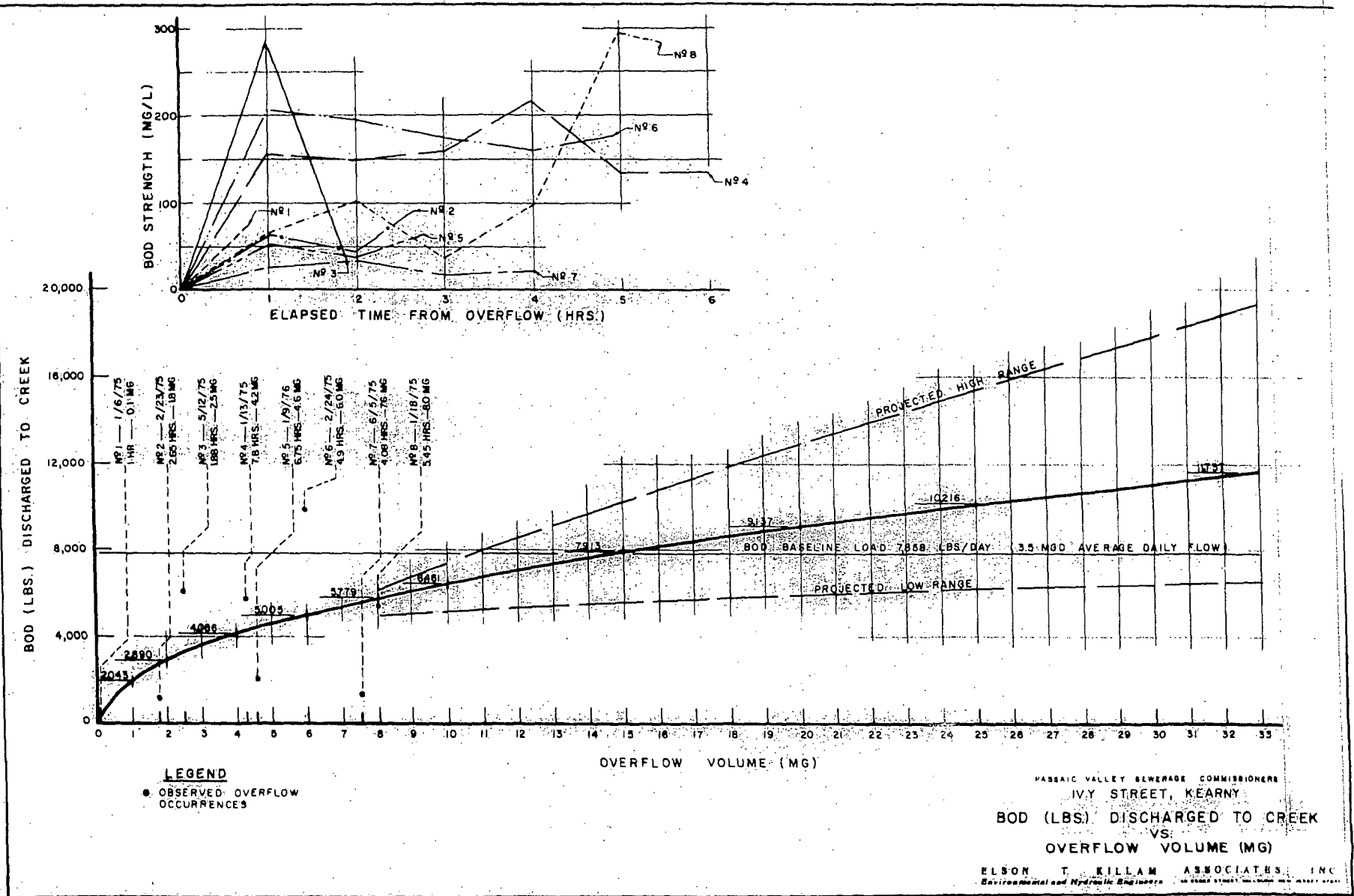


PLATE K



IVY STREET OVERFLOW - 023/K-007 (Cont'd.)

Plot of BOD as a percent of the Baseline Load vs. Overflow

Volume (MG) (Plate L) indicates:

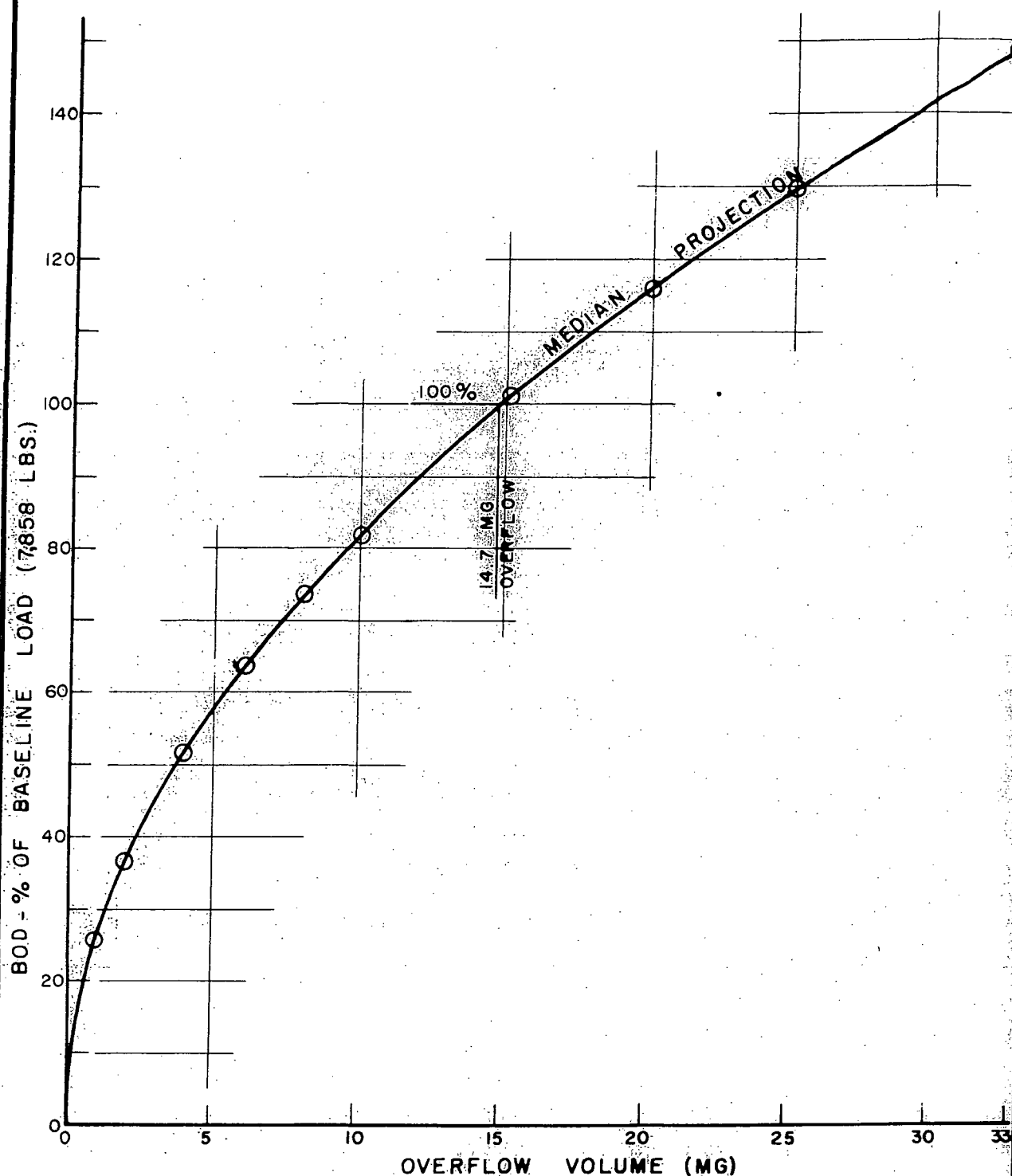
- a. The trend of BOD for measured overflows of various magnitudes compared to baseline load of 7,858 pounds/day is:

<u>Overflow (MG)</u>	<u>% of Baseline Load</u>
1	26%
2	37%
4	52%
6	64%
8	74%

- b. The projected trend for overflow in excess of 8 MG is:

<u>Overflow (MG)</u>	<u>Projected % of Baseline Load</u>		
	<u>Low</u>	<u>Median</u>	<u>High</u>
10	66	82	95
15	72	101	131
20	76	116	165
25	80	130	197
33	84	149	246

- c. A peak recorded overflow volume was calculated to be approximately 22.8 MG. Estimated overflow for the projected six-hour overflow duration amounts to a volume of about 33 MG.



# LEGEND

⊙ COMPUTATION POINTS

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
IVY STREET, KEARNY

BOD - % OF BASELINE LOAD  
VS.  
OVERFLOW VOLUME (MG)

ELSON T KILLAM ASSOCIATES, INC.  
Environmental and Hydraulic Engineers 46 ESSEX STREET HILLBURN, NEW JERSEY 07034

APPENDIX

KLLC16834

IVY STREET OVERFLOW (023/K-007)

CONTENTS OF APPENDIX

- Pages A-1 to A-15.....PVSC Analysis of Baseline and Rainstorm samples.
- Plate A1.....Plot of height above dam in Inches versus  
flow rate over dam in Million Gallons per  
Day (MGD).
- Plate A2.....Plot of overflow rate versus time and hourly rainfall  
intensity versus time for the particular rainfall.  
Average flow rates in Million Gallons per Day (MGD)  
and total volume in Gallons (GAL) are also  
shown.
- Plate A3.....Plot of Total Suspended Solids (TSS) in milligrams per  
liter (mg/l) versus time of day during rainfall condi-  
tions. Portions of the baseline data are also shown  
for comparison.
- Plate A4.....Plot of Chemical Oxygen Demand (COD) in milligrams per  
liter (mg/l) versus time of day during rainfall condi-  
tions. Portions of the baseline data are also shown  
for comparison.
- Plate A5.....Plot of Biochemical Oxygen Demand (BOD) in milligrams  
per liter (mg/l) versus time of day during rainfall  
conditions. Portions of the baseline data are also  
shown for comparison.
- Plate A6.....Plot of Total Suspended Solids (TSS) in pounds per day  
versus time for a particular rainfall.
- Plate A7.....Plot of Chemical Oxygen Demand (COD) in pounds per day  
versus time for a particular rainfall.
- Plate A8.....Plot of Biochemical Oxygen Demand (BOD) in pounds per  
day versus time for a particular rainfall.
- Plate A9.....Plot of Total Suspended Solids (TSS) in milligrams per  
liter (mg/l) versus time of day during a baseline (non-  
rainfall) condition.
- Plate A10.....Plot of Chemical Oxygen Demand (COD) in milligrams per  
liter (mg/l) versus time of day during a baseline (non-  
rainfall) condition.
- Plate A11.....Plot of Biochemical Oxygen Demand (BOD) in milligrams  
per liter (mg/l) versus time of day during a baseline  
(non-rainfall) condition.

Elson Killam Associates-Infiltration Studies  
 Ivy Street Connection, Harrison-Upstream from Sandcathcher,  
 24 Samples 10:52 A. M., 10/29/74 to 10:03A. M., 10/30/74

## BASELINE

Sample #	pH	T.S.S.	V.S.S.	%Vol.	C.O.D.	T.O.C.	T.O.C./C.O.D.	B.O.D.	B.O.D./C.O.D.	mg/L Lith.
Partial Fill #1	7.9	98	88	89.8	308	123	39.9	260	84.5	.006
2	7.8	120	88	73.3	424	117	27.6	315	74.4	.006
3	7.8	124	106	85.5	356	111	31.2	326	91.5	.005
4	7.7	164	146	89.0	964	292	30.3	654	68.0	.006
5	7.8	110	106	96.4	420	120	28.6	225	53.5	.006
6	7.9	146	142	97.3	364	99	27.2	243	66.8	.006
5PM 7	7.6	200	182	91.0	388	126	32.5	268	69.1	.106
6PM 8	7.4	234	224	95.7	408	180	44.1	303	72.4	.103
7PM 9	7.4	124	106	85.5	500	144	28.8	410	82.1	.112
8PM 10	7.5	136	130	95.6	512	148	28.9	418	81.8	.079
11	7.5	102	100	98.0	416	135	32.5	274	66.0	.006
12	7.7	80	72	87.8	340	111	32.6	278	81.8	.006
13	7.8	96	90	93.8	292	99	33.9	215	73.3	.007
14	7.9	70	68	97.1	232	78	33.6	117	50.4	.002
15	7.8	46	46	100.0	172	54	31.4	95	55.2	.002
16	7.9	14	14	100.0	100	36	36.0	64	54.0	.004
17	7.7	12	12	100.0	116	33	28.4	73	63.0	.005
18	7.9	10	10	100.0	72	30	41.6	55	76.4	.004
19	7.9	14	14	100.0	76	36	47.4	23	80.3	.005
20	8.0	62	58	93.5	128	57	44.5	103	80.5	.006
21	8.3	136	126	92.6	356	112	31.5	285	80.1	.002
22	8.4	104	94	90.4	448	148	33.0	295	55.8	.004
23 Partial Fill #	8.3	94	78	83.0	452	188	41.6	352	77.8	.005
24	9.5	112	98	87.5	664	224	33.7	548	82.5	.005
AVERAGE							34.2	70.5		

Date 1/7/75

Set 1/6/75 -sometime during night

### Storm Conditions

3 SAMPLES - taken every 15 minutes

Rainfall of 1/6/75

KLLC16837

Elson Killam Associates-Infiltration Studies - Set # 18  
Ivy Street Diversion, Kearny - Manhole, stop plank location  
Storm Conditions 1/9/75

15 SAMPLES

Rainfall of 1/9/75

## STORM CONDITIONS

[illegible]

## Elson Killam Associates-Infiltration Studies - Set # 37

Ivy Street, Harrison - In diversion manhole

1:20 P.M. 1/9/75 to 11:35 A.M. 1/13/75 Storm Conditions

24 SAMPLES Rainfall of 1/13/75

Sample #	pH	T.S.S.	V.S.S.	%Vol.	C.O.D.	T.O.C.	T.O.C./C.O.D.	B.O.D./C.O.D.
1	7.4	120	78	65.0	327	88	26.9	125
2	7.4	116	80	68.9	263	116	44.2	170
3	7.6	98	78	79.6	275	96	34.8	190
4	7.8	126	90	71.4	287	80	27.8	140
5	7.7	104	84	80.8	271	92	33.8	145
6	7.6	92	62	67.4	295	88	29.8	138
7	7.5	110	74	67.3	287	88	30.6	154
8	7.4	108	82	75.8	323	92	28.4	160
9	7.5	150	122	81.3	319	100	31.3	134
10	7.4	100	92	92.0	315	116	36.8	160
11	7.4	116	78	67.2	299	88	29.4	166
12	8.0	108	78	72.2	521	150	28.8	170
13	7.5	142	106	74.7	727	224	30.8	200
14	7.4	162	136	83.8	380	108	28.5	186
15	7.4	140	106	75.8	1171	420	41.0	225
16	7.3	136	118	86.8	1131	420	37.1	255
17	7.5	132	80	25.0	295	84	28.5	92
18	7.4	118	86	72.8	291	95	32.6	112
19	7.4	120	90	75.0	485	162	33.4	185
20	7.4	186	140	75.3	513	162	31.6	145



P.V.S.C. Reference # A-51

Date 1/14/75

Elson Killam Associates-Infiltration Studies - Set # 37

Ivy Street, Harrison - In diversed manhole

1:20 P.M. 1/9/75 to 11:35 A.M. 1/13/75 - Storm Conditions.

24 SAMPLES

Rainfall of 1/13/75

[illegible]

PVSC Reference # A-74Date: 1/22/75Elson T. Killam Associates - Infiltration Studies - Sampler # 398  
Set # 4

Ivy Street, Kearny - 1/18/75

Manhole upstream from sandcatcher

Storm Conditions

24 SAMPLES		Rainfall of 1/18/75								
SAMPLE	pH	TSS	VSS	%Vol.	COD	TOC	TOC COD	BOD	BOD COD	Lithium
1	7.1	274	172	62.8	432	96	22.2	178	41.2	0.003
2	7.3	102	74	72.5	85	27	31.8	30	35.3	0.001
3	7.2	114	90	78.9	89	39	44.8	24	27.0	0.001
4	7.3	118	70	59.3	97	33	35.0	25	25.8	0.001
5	7.3	90	68	75.5	81	21	25.9	21	25.9	0.001
6	7.4	164	110	67.1	279	76	27.2	189	67.8	0.001
7	7.5	230	166	72.2	198	52	26.2	126	63.7	0.001
8	7.5	134	104	77.7	117	27	23.1	72	61.5	0.001
9	7.4	88	66	75.0	73	24	32.9	41	56.2	0.001
10	7.4	94	84	89.3	61	20	32.8	32	52.5	0.001
11	7.3	84	66	78.6	69	21	30.4	30	43.5	0.001
12	7.4	142	122	85.8	73	21	28.8	40	54.8	0.002
13	7.3	86	66	76.7	85	20	23.6	31	36.5	0.002
14	7.7	92	72	78.2	222	51	22.9	177	79.2	0.002
15	7.6	230	184	80.0	141	33	23.4	84	59.6	0.003
16	7.7	86	58	67.5	154	42	27.2	92	59.7	0.004
17	7.7	144	116	80.6	242	69	28.5	183	75.7	0.003
18	7.8	152	116	76.3	339	84	24.7	213	62.8	0.003
19	7.4	196	150	76.6	323	104	32.2	224	69.4	0.004
20	7.6	386	354	91.7	941	220	23.4	551	58.7	0.004
21	7.6	240	202	84.2	517	176	34.0	385	74.5	0.009
22	7.5	246	206	83.8	287	72	25.1	180	62.7	0.015
23	7.5	198	156	78.8	190	52	27.4	111	58.4	0.016
24	7.4	116	116	100.0	210	50	23.8	-	-	0.012
Average		158.5			221.0		28.2	132.1	54.9	

B-71

2/19/75

Sampler #396 Set #26

Chamber #023/K-007

Snow Melted - No Rain

14 SAMPLES

Snow melting of 2/17/75

Average

PVSC Reference # B-84

Date: 2/24/75

Elson T. Killam Associates - Infiltration Studies Sampler #30396, Set #69  
 Ivy St., Kearny - Diversion Manhole Chamber #023/K-007  
 Sampled on 2/23/75

Rainfall of 2/23/75

Storm Conditions

24 Samples

SAMPLE	pH	TSS	VSS	%Vol.	COD	TOC	TOC (CO)	BOD	BOD (CO)	Lithi
1	7.6	76	12	15.8	145	32	22.1	99	68.3	0.002
2	7.8	10	10	100.0	81	20	24.7	56	69.2	0.001
3	7.8	24	24	100.0	89	16	18.0	62	69.7	0.002
4	7.6	10	10	100.0	61	14	23.0	36	59.0	0.001
5	7.9	6	6	100.0	57	16	28.1	53	93.0	0.001
6	7.6	26	2	7.7	48	16	33.3	43	89.7	0.001
7	7.9	6	2	33.3	69	14	20.3	37	53.7	0.001
8	7.5	154	20	13.0	81	14	17.3	38	46.9	0.002
9	7.6	260	90	34.6	408	55	13.5	111	27.2	0.002
10	7.5	342	82	23.9	259	32	12.3	84	32.4	0.001
11	7.2	168	22	13.1	145	21	14.5	74	51.0	0.001
12	7.4	80	10	12.5	144	30	20.8	78	54.1	0.001
13	7.2	94	8	8.5	76	27	35.5	51	67.2	0.001
14	7.3	150	16	10.7	156	33	21.1	99	63.5	0.001
15	7.2	24	4	16.7	56	14	25.0	37	66.1	0.001
16	7.2	8	2	25.0	36	16	44.5	--	--	0.002
17	7.5	8	2	25.0	32	10	31.3	--	--	0.002
18	7.5	10	2	20.0	28	12	42.9	--	--	0.002
19	7.8	6	2	66.7	48	12	25.0	--	--	0.002
20	8.1	12	2	16.7	44	12	27.3	--	--	0.002
21	8.0	24	2	16.7	76	16	21.1	--	--	0.002
22	7.8	8	2	25.0	144	20	13.9	47	32.6	0.002
23	7.9	46	6	13.0	84	34	40.5	54	64.3	0.002
24	7.8	38	6	15.8	116	24	20.7	55	47.3	0.003
					AVERAGE		24.9		58.6	

PVSC Reference # B-106

Date: 2/27/75

Elson T. Killam Associates - Infiltration Studies -  
 Ivy Street, Kearny - Diversion Manhole  
 Sometime during night of 2/23/75

Sampler #396 Set #44

STORM CONDITIONS

Rainfall of 2/23/75

24 SAMPLES										
SAMPLE	pH	TSS	VSS	%Vol.	COD	TOC	TOC COD	BOD	BOD COD	Lithi
1	7.2	182	128	70.3	517	148	28.7	207	40.1	0.001
2	7.4	152	98	64.4	533	120	22.5	224	42.0	0.001
3	7.3	180	116	64.5	392	104	26.5	200	51.1	0.001
4	7.2	160	110	68.8	408	112	27.5	197	48.3	0.001
5	7.3	160	138	86.2	368	115	31.3	246	66.8	0.004
6	7.3	156	106	68.0	452	130	28.8	204	45.2	0.002
7	7.5	154	94	61.0	533	125	23.5	171	32.1	0.001
8	7.2	114	94	82.4	457	110	24.1	160	35.0	0.002
9	7.5	130	94	72.3	351	128	36.5	178	50.7	0.001
10	7.3	96	72	75.0	388	88	22.6	147	37.9	0.001
11	7.4	96	64	66.7	408	100	24.5	289	70.9	0.005
12	7.9	110	96	87.3	521	88	16.9	86	16.5	0.001
13	7.3	168	124	73.8	299	84	28.1	152	50.8	0.001
14	7.4	86	64	74.5	242	84	34.7	134	55.3	0.001
15	7.5	90	70	77.8	271	76	28.0	151	55.8	0.003
16	7.5	110	66	60.0	335	76	22.6	202	60.3	0.001
17	7.3	168	130	77.4	255	84	32.9	189	74.2	0.001
18	7.5	168	110	65.5	234	96	41.0	204	82.2	0.002
19	7.5	114	70	61.4	283	72	25.4	167	59.0	0.001
20	7.5	124	78	62.8	271	68	25.0	149	55.0	0.001
21	7.5	104	80	76.9	267	56	21.0	166	62.2	0.002
22	7.5	90	62	68.9	234	64	27.3	171	73.2	0.002
23	7.4	92	60	65.3	230	60	26.1	135	58.8	0.002
24	7.4	72	48	66.7	121	48	39.6	93	76.8	0.002
					Average		27.7		54.1	

PVSC Reference # C-137

Date: 3/13/75

Elson T. Killam Associates - Infiltration Studies  
Ivy Street, Kearny - First manhole upstream from  
diversion manhole

Sampler # 396 Set #3.1  
Chamber # 023/K-007

### STORM CONDITIONS

[illegible]

D-89

4/8/75

Elson T. Killam Associates - Infiltration Studies  
Ivy Street, Kearny - Diversion manhole  
4/3/75

Sampler # 396 Set #35  
Chamber # -23/K-007

### STORM CONDITIONS

Rainfall of 4/3/75

12 SAMPLES

[illegible]

E-103

5/12/75

Elson T. Killam Associates - Infiltration Studies

Sampler # 389 Set #64

Chamber # 023/K-007

### STORM CONDITIONS

[illegible]



PVSC Reference # E-181

Date: 5/20/75

Elson T. Killam Associates - Infiltration Studies  
Ivy Street, Kearny - Sandcatcher  
5/12/75 to 5/13/75

Sampler # 395 Set # 7  
Chamber # 023/K-007

### STORM CONDITIONS

Rainfall of 5/12/75 - 5/13/75

10 SAMPLES

[illegible]

E-229

5/23/75

Chamber No 023/K-007

Average

PVSC Reference # F-131Date: 6/9/75

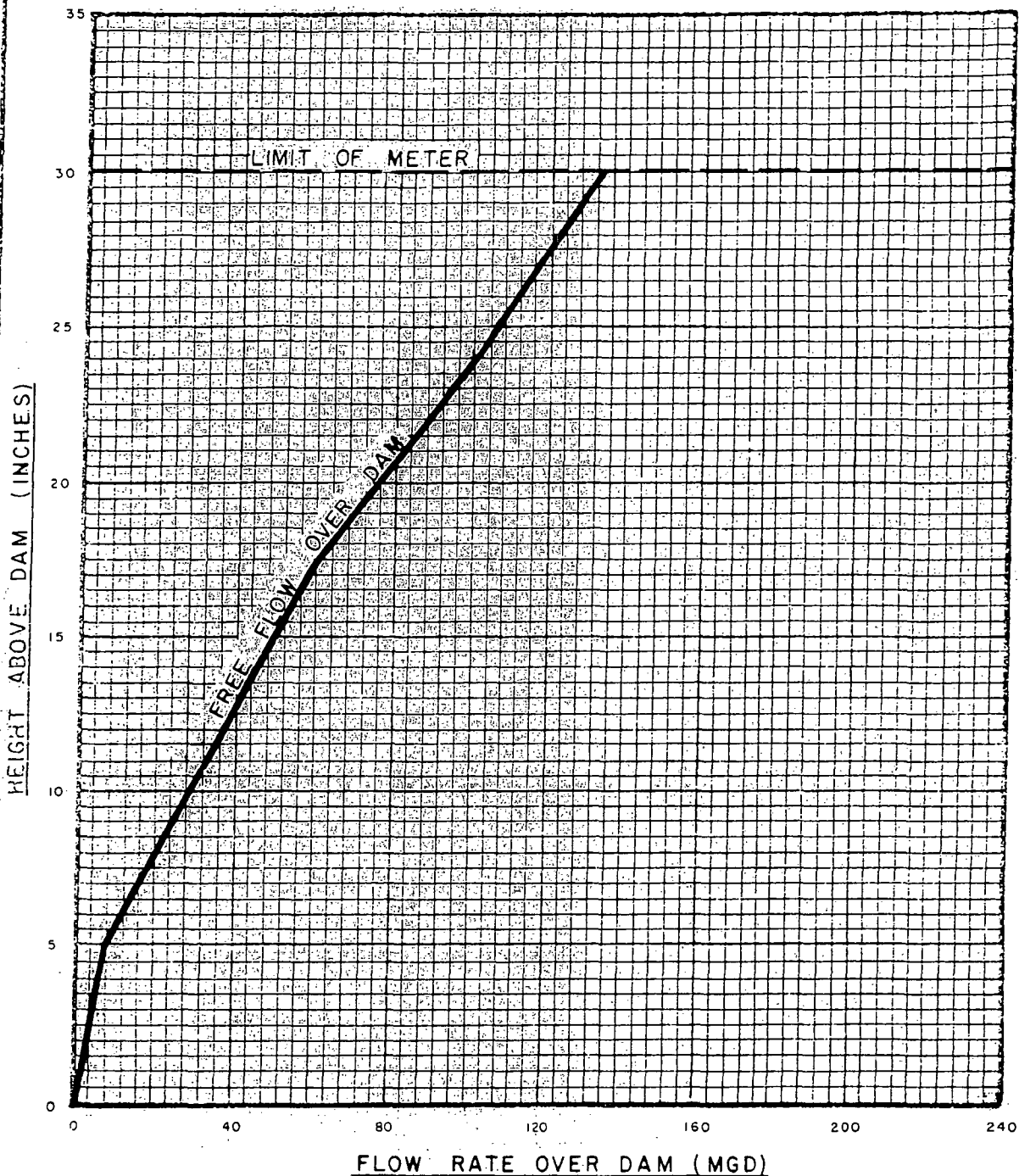
Elson T. Killam Associates - Infiltration Studies  
 Ivy Street - Kearny - Diversion Manhole  
 18:45 - 6-5-75 - 23:45 - 6-5-75

Sampler No. 401  
 Chamber No. 023/K-007  
 Set No. 67

Rainfall of 6/5/75

STORM CONDITIONS

20 SAMPLES									
SAMPLE	pH	TSS	VSS	%Vol.	COD	TOC	TOC COD%	BOD	BOD COD%
1	7.4	84	84	100.0	192	44	22.9	43	22.4
2	7.1	196	174	88.6	116	50	43.1	20	17.2
3	7.1	264	200	75.8	244	57	23.3	18	7.4
4	7.1	208	168	80.8	336	54	16.0	21	6.3
5	7.4	120	96	80.0	180	36	20.0	47	26.1
6	7.1	258	180	69.8	396	80	20.2	29	7.3
7	7.1	0	-	-	108	35	32.4	38	35.2
8	7.0	42	42	100.0	60	20	33.3	19	31.7
9	7.1	36	36	100.0	56	15	26.8	16	28.6
10	7.2	46	46	100.0	60	16	26.7	14	23.3
11	7.1	54	54	100.0	56	12	21.4	13	23.2
12	7.0	196	162	82.7	72	15	20.9	29	40.3
13	7.0	20	20	100.0	64	23	35.9	26	40.7
14	7.1	146	60	41.1	80	19	23.7	27	33.8
15	7.2	126	36	28.6	68	12	17.7	11	16.2
16	7.1	36	20	55.6	32	9	28.1	14	43.8
17	7.1	56	12	21.4	28	7	25.0	9	32.1
18	7.1	26	26	100.0	32	10	31.2	13	40.7
19	7.0	24	24	100.0	36	9	25.0	31	86.2
20	7.0	14	14	100.0	28	7	25.0	19	67.9
						Average	25.9		31.5

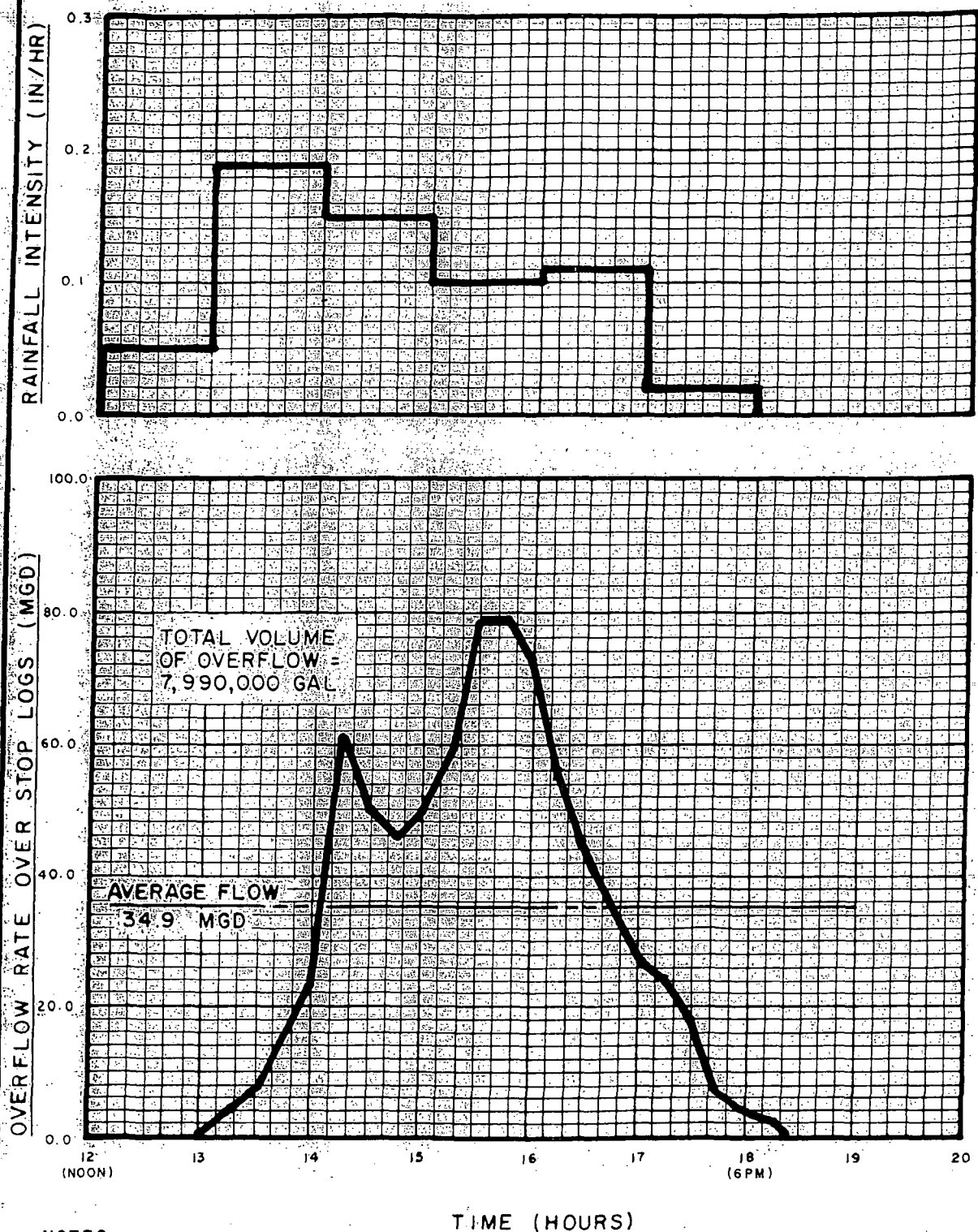


PASSAIC VALLEY SEWERAGE COMMISSIONERS  
 OVERFLOW CHAMBER N° 023/K-007  
 IVY STREET, KEARNY

FLOW RATE OVER DAM

KLL016851

ELSON T. KILLAM ASSOCIATES, INC.  
 Environmental and Hydraulic Engineers 48 KADEE STREET MILLBURN NEW JERSEY 07041



**NOTES:**

1. TIME SHOWN IS BASED ON MILITARY TIME, 1-24 HOURS.

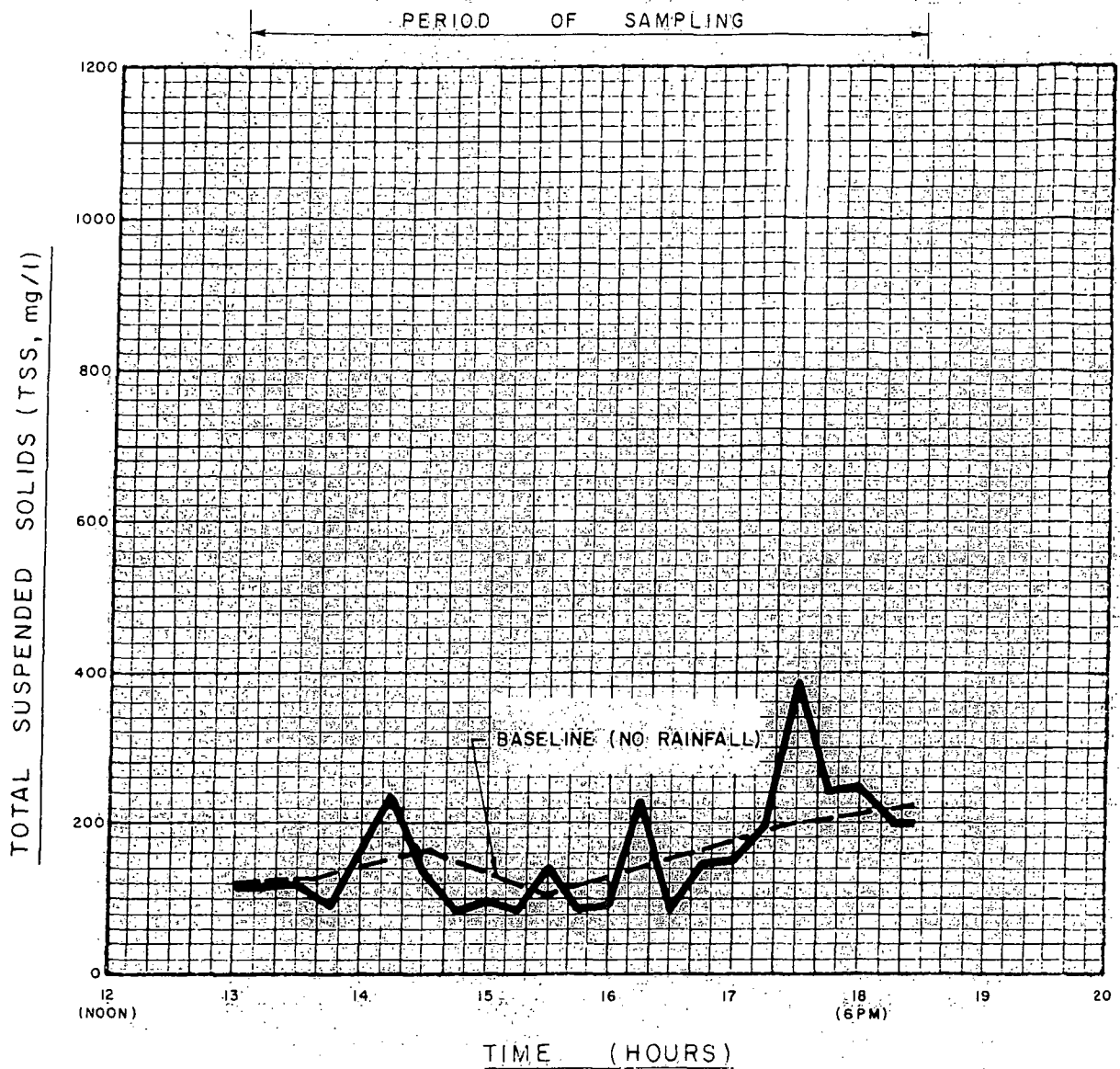
PASSAIC VALLEY SEWERAGE COMMISSIONERS  
OVERFLOW CHAMBER N° 023/K-007  
IVY STREET, KEARNY

**RAINFALL INTENSITY & OVERFLOW RATE**

RAINFALL OF 1/18/75

ELSON T. KILLAM ASSOCIATES, INC.  
Environmental and Hydraulic Engineers 46 EBBET STREET HILLBURN NEW JERSEY 07041

KLL016852 PLATE A2



NOTES:

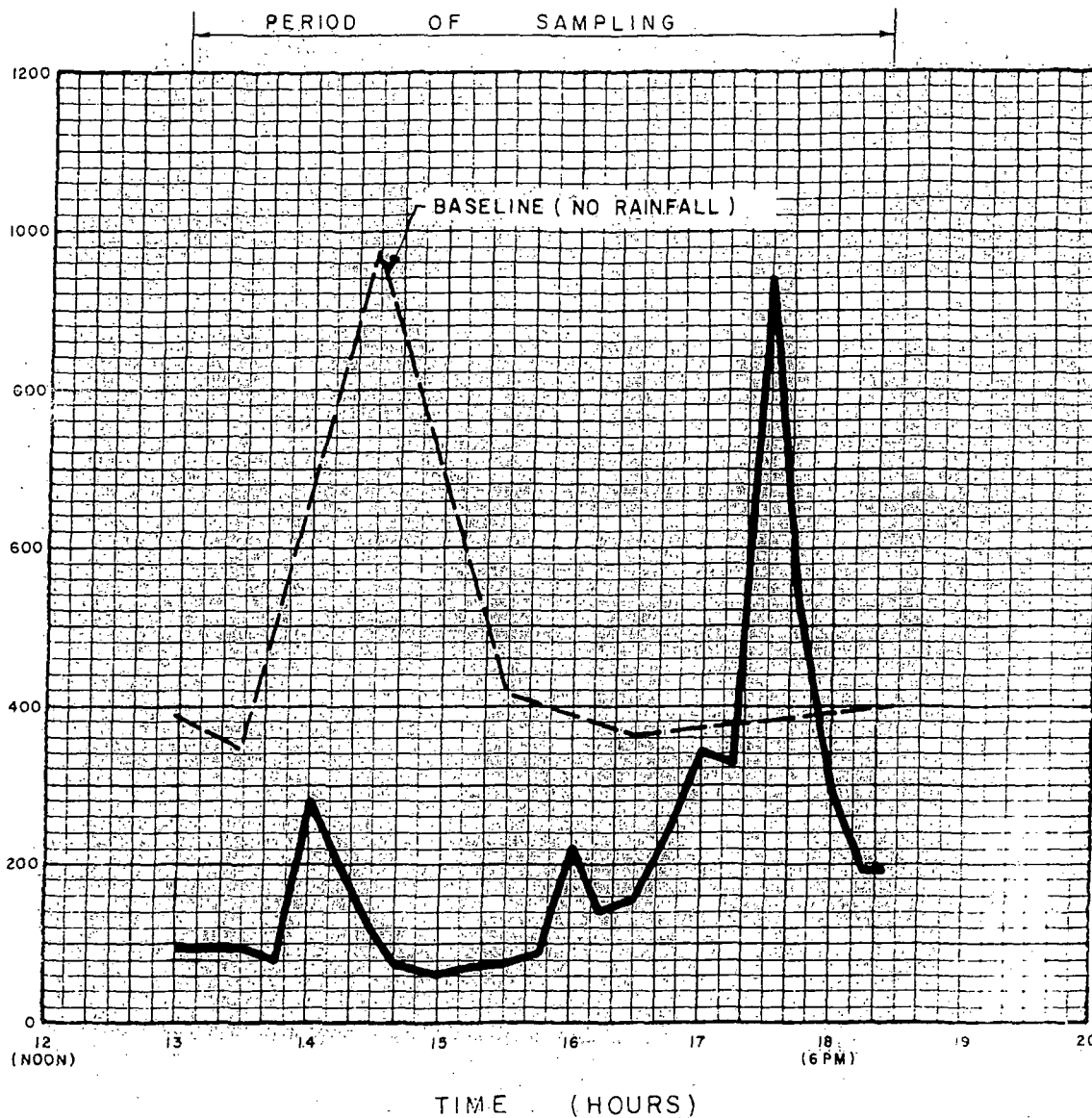
1. TIME SHOWN IS BASED ON MILITARY TIME, 1-24 HOURS.
2. PLOT REPRESENTS CONCENTRATION OF TSS FLOWING TO RIVER OVER STOP LOGS.

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
OVERFLOW CHAMBER N° 023/K-007  
IVY STREET, KEARNY  
TOTAL SUSPENDED SOLIDS

RAINFALL OF 1/18/75  
ELSON T. KILLAM ASSOCIATES, INC.  
*Environmental and Hydraulic Engineers*

KLL016853 PLATE A3

CHEMICAL OXYGEN DEMAND (COD, mg/l)



NOTES:

1. TIME SHOWN IS BASED ON MILITARY TIME, 1-24 HOURS.
2. PLOT REPRESENTS CONCENTRATION OF COD FLOWING TO RIVER OVER STOP LOGS.

PASSAIC VALLEY SEWERAGE COMMISSIONER'S  
OVERFLOW CHAMBER N° 023/K-007

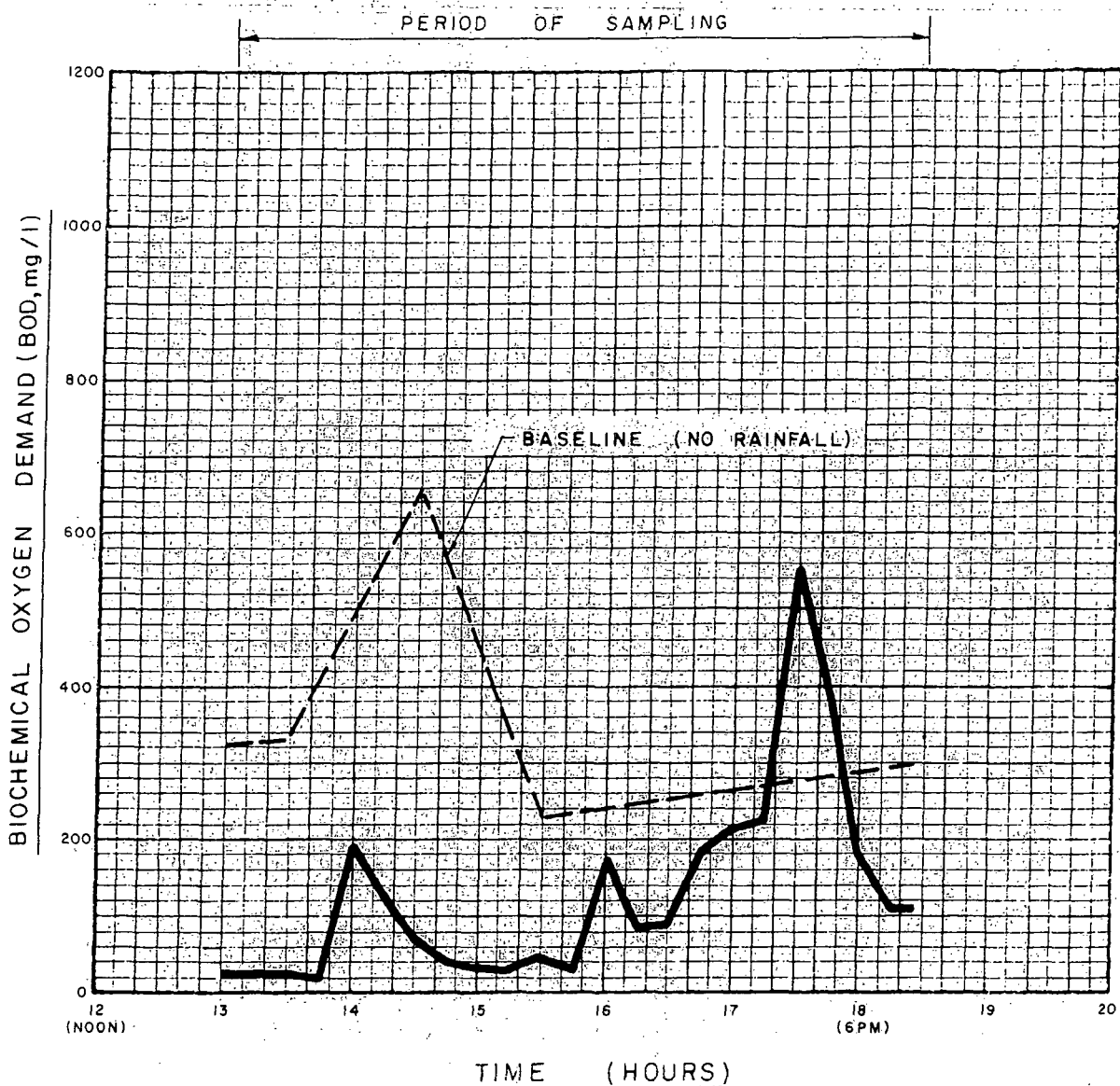
IVY STREET, KEARNY

CHEMICAL OXYGEN DEMAND

RAINFALL OF 1/18/75

ELSON T. KILLAM ASSOCIATES INC.  
*Environmental and Hydraulic Engineers*

KLL016854 PLATE A4



NOTES:

1. TIME SHOWN IS BASED ON MILITARY TIME, 1-24 HOURS.
2. PLOT REPRESENTS CONCENTRATION OF BOD FLOWING TO RIVER OVER STOP LOGS.

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
OVERFLOW CHAMBER N° 023/K-007

IVY STREET, KEARNY

BIOCHEMICAL OXYGEN DEMAND

RAINFALL OF 1/18/75

ELSON T. WILLIAM ASSOCIATES, INC.  
*Environmental and Hydraulic Engineers*

PLATE A5

KLL016855





NOTES:

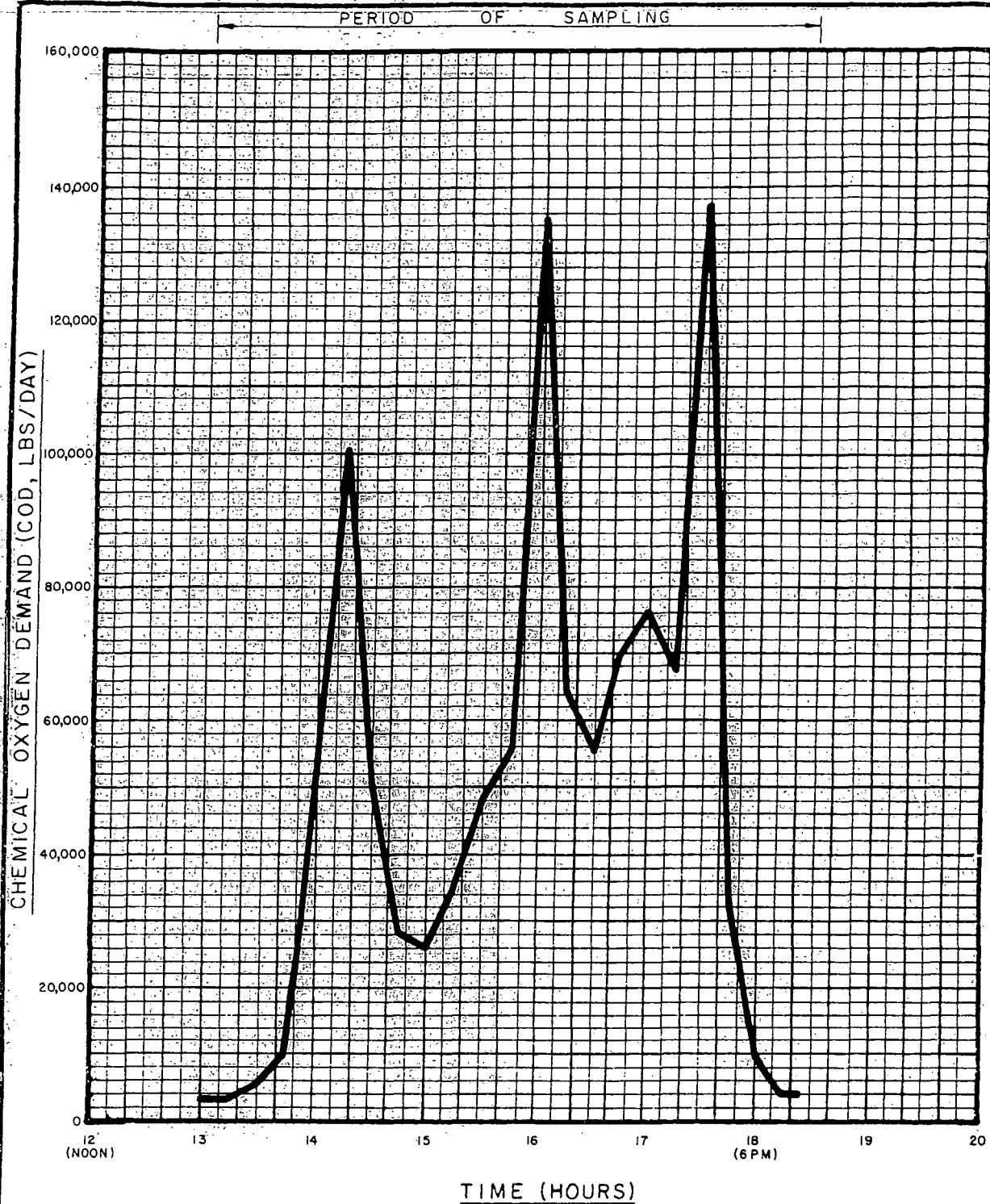
1. TIME SHOWN IS BASED ON MILITARY TIME, 1-24 HOURS.
2. FLOW RATE WAS COMBINED WITH TSS CONCENTRATION TO OBTAIN LBS / DAY OF TSS

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
OVERFLOW CHAMBER N° 023/K-007  
IVY STREET, KEARNY

TOTAL SUSPENDED SOLIDS

RAINFALL OF 1/18/75  
ELSON T. KILLAM ASSOCIATES, INC.  
*Environmental and Hydraulic Engineers* 40 PINE STREET HILLBURN NEW JERSEY 07034

KLL016856 PLATE A6



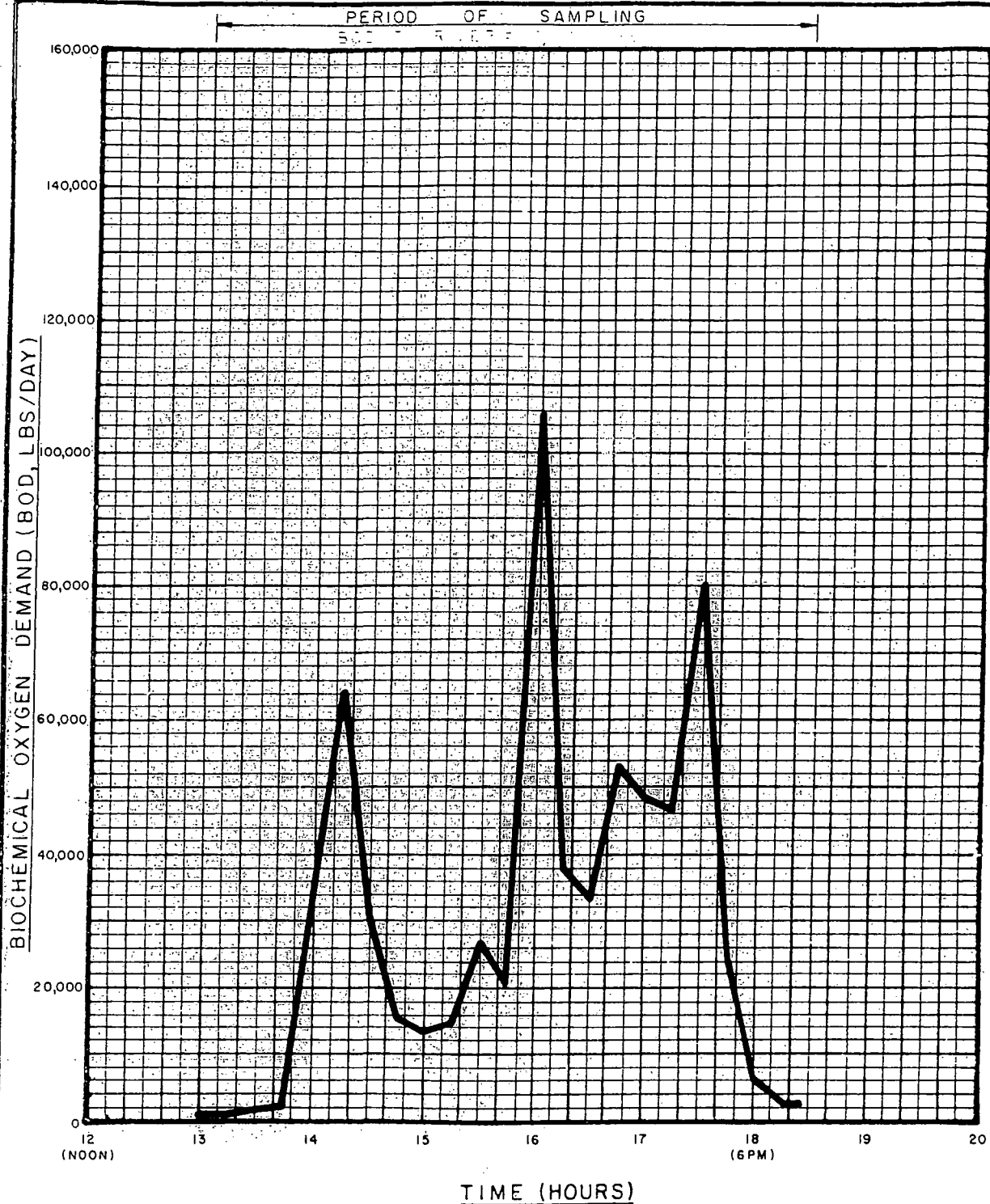
NOTES:

1. TIME SHOWN IS BASED ON MILITARY TIME, 1-24 HOURS.
2. FLOW RATE WAS COMBINED WITH COD CONCENTRATION TO OBTAIN LBS / DAY OF COD.

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
OVERFLOW CHAMBER N° 023/K-007  
IVY STREET, KEARNY  
CHEMICAL OXYGEN DEMAND

RAINFALL OF 1/18/75  
ELSON T. KILLAM ASSOCIATES, INC.  
*Environmental and Hydraulic Engineers* 40 EDDY STREET HILLBURN NEW JERSEY 07041

KLL016857 PLATE 17



NOTES:

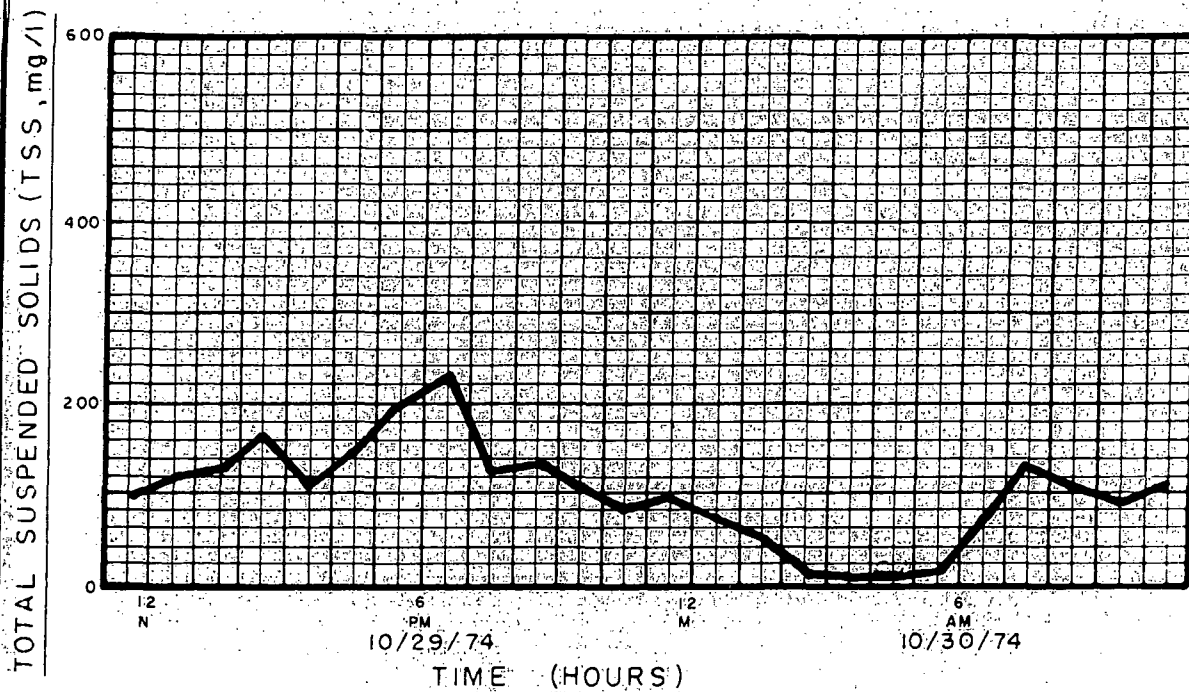
1. TIME SHOWN IS BASED ON MILITARY TIME, 1-24 HOURS.
2. FLOW RATE WAS COMBINED WITH BOD CONCENTRATION TO OBTAIN LBS / DAY OF BOD.

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
OVERFLOW CHAMBER N° 023/K-007  
IVY STREET, KEARNY  
BIOCHEMICAL OXYGEN DEMAND

RAINFALL OF 1/18/75

ELSON T. KILLAM ASSOCIATES, INC.  
*Environmental and Hydraulic Engineers* 40 EGGEN STREET HILLBURN NEW JERSEY 07034

KLL016858 PLATE A8



NOTES:

1. SAMPLING STARTED 10:52 AM 10/29/74  
SAMPLING ENDED 10:52 AM 10/30/74
2. SAMPLES TAKEN EACH 15 MIN. PERIOD,  
COMPOSITED EACH HOUR; RESULTS ARE  
PLOTTED HOURLY
3. SAMPLING REPRESENTS TYPICAL NON-RAIN-  
FALL TSS CONDITIONS IN 24 HOURS.

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
OVERFLOW CHAMBER N° 023/K-007  
IVY STREET, KEARNY

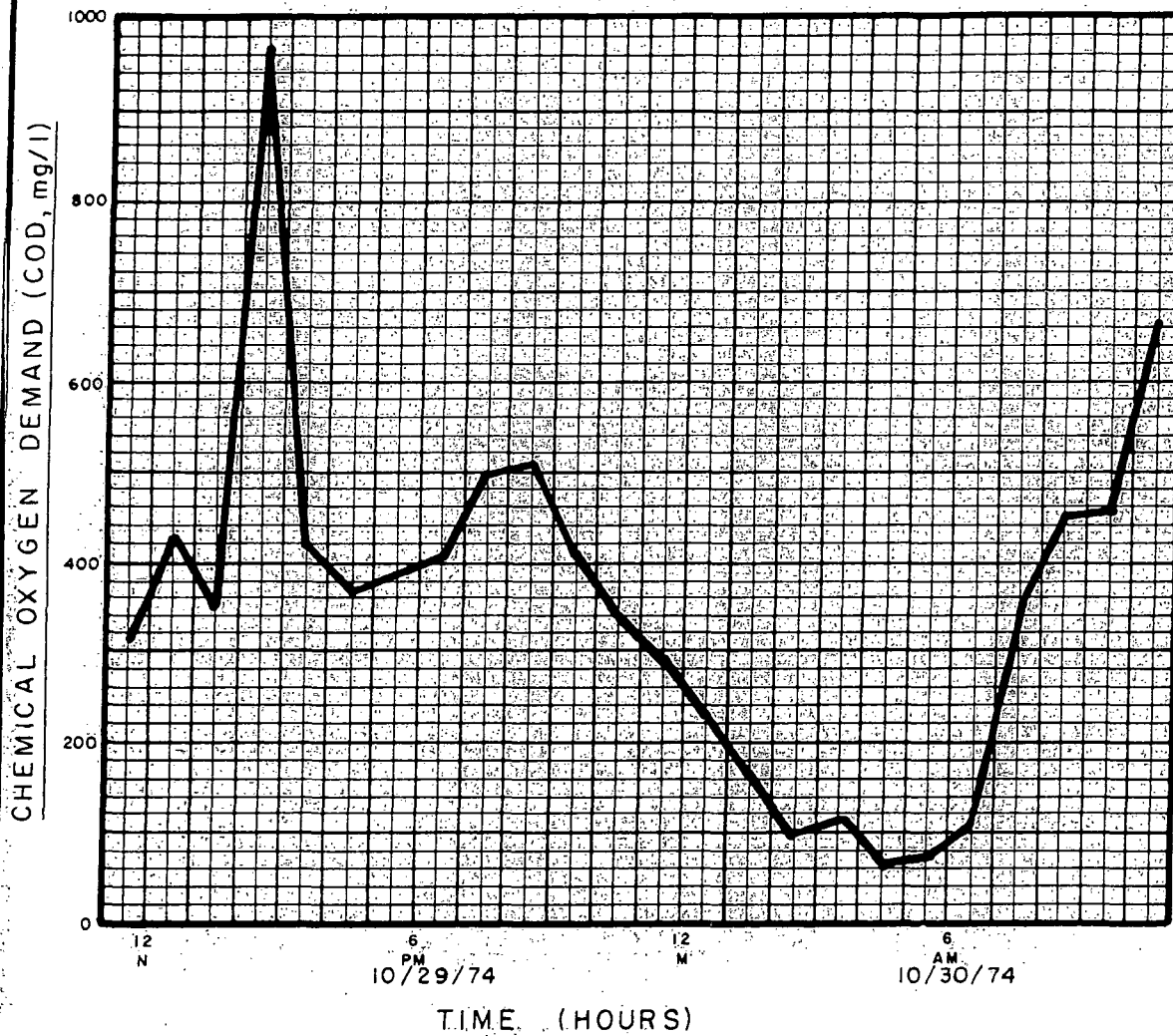
TOTAL SUSPENDED SOLIDS

NO RAINFALL

ELSON T. KILLAM ASSOCIATES, INC.  
*Environmental and Hydraulic Engineers* 40 EBBET STREET, HILLBURN NEW JERSEY 07004

KLL016859

PLATE A9



NOTES:

1. SAMPLING STARTED 10:52 AM 10/29/74  
SAMPLING ENDED 10:52 AM 10/30/74
2. SAMPLES TAKEN EACH 15 MIN. PERIOD,  
COMPOSITED EACH HOUR; RESULTS ARE  
PLOTTED HOURLY
3. SAMPLING REPRESENTS TYPICAL NON-RAIN-  
FALL COD CONDITIONS IN 24 HOURS.

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
OVERFLOW CHAMBER N° 023/K-007  
IVY STREET, KEARNY

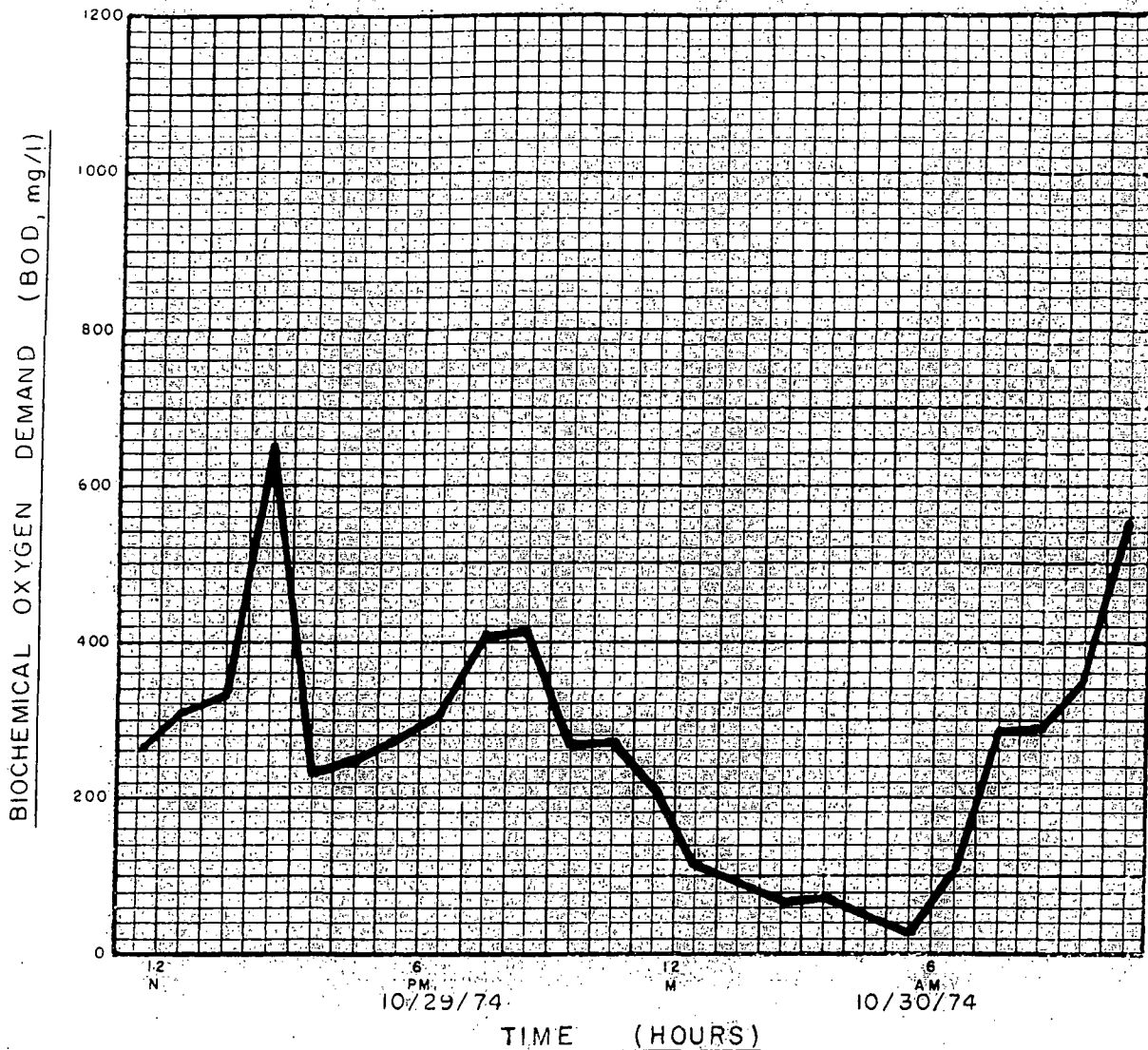
CHEMICAL OXYGEN DEMAND

NO RAINFALL

ELSON T. KILLAM ASSOCIATES, INC.  
*Environmental and Hydraulic Engineers* 48 EDDY STREET, HILLBURN, NEW JERSEY 07041

KLL016860

PLATE A10



**NOTES:**

1. SAMPLING STARTED 10:52 AM 10/29/74  
SAMPLING ENDED 10:52 AM 10/30/74
2. SAMPLES TAKEN EACH 15 MIN. PERIOD,  
COMPOSITED EACH HOUR; RESULTS ARE  
PLOTTED HOURLY.
3. SAMPLING REPRESENTS TYPICAL NON-RAIN-  
FALL BOD CONDITIONS IN 24 HOURS.

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
OVERFLOW CHAMBER N<sup>o</sup> 023/K-007  
IVY STREET, KEARNY  
BIOCHEMICAL OXYGEN DEMAND

NO RAINFALL

ELSON T. KILLAM ASSOCIATES, INC.  
*Environmental and Hydraulic Engineers* 40 Essex Street Millburn, New Jersey 07041

KLL016861

PLATE All





## New Jersey State Business Gateway Service

### Corporate and Business Information Reporting

#### Business Entity Status Report

**Printing Instructions:** Open your Browser's Page Setup menu and set your page margins to 0.25". Use your Browser's Print option to print the report as seen on screen.

**Saving Instructions:** Save this file to your hard drive for later viewing by using the Browser's "Save As" function.

All available information is displayed.

**Status Report For: PMC INC.****Business Name: PMC INC.****Report Date: 02/11/2007****Business ID Number: 0100806541****Transaction Number: Sequence: 1051402: 1****Business Type: DOMESTIC PROFIT CORPORATION****Status: ACTIVE****Filing Date: 02/08/2000****Home Jurisdiction: NJ****Status Change Date:****Stock Amount: 2500****DOR Suspension Start Date:****DOR Suspension End Date:****Tax Suspension Start Date:****Tax Suspension End Date:****Annual Report Month: 2****Last Annual Report Filed: 08/12/2005****For Last Annual Report Paid Year: 2004****Incorporator: LENORE K HODES****Agent: OWEN F DALY****Agent Address: 2 NORTH UNION AVE****CRANFORD, NJ 07016****Office Address Status: Deliverable****Main Business Address: 2 NORTH UNION AVENUE****CRANFORD, NJ 07016****Principal Business Address: 2 NORTH UNION AVENUE****CRANFORD, NJ 07016****Associated Names****Name: ADVANTAGE TEMP SERVICE****Type Description: Fictitious Name****Officers/Directors/Members****1) Title: PRESIDENT****Name: OWEN DALY****Address: 320 NORTH UNION AVENUE**



CRANFORD, NJ 07016

[Exit](#)[Return to Main List](#)

\*\*If you would like to receive photocopies of documents filed by this business entity, mail your request to PO Box 450, Trenton, NJ 08625. Indicate the Business Entity Number(s) involved and the type of document you wish to have copies of. Your choices are listed below:

**CHARTER DOCUMENTS**

Original Certificate Only (For example, Certificate of Incorporation);

Changes and Amendments to the Original Certificate Only; **OR**

All Charter Documents (Original Certificate and Changes/Amendments)

And/or

**ANNUAL REPORTS**

Copy of Latest Annual Report; **OR**

Copy of Annual Report for a Specific Year(s) (List the Year Desired)

The photocopy fee for all entities except limited liability companies is \$1 per page. For limited liability companies, the fee is \$10 for the first page and \$2 per page thereafter.

The total fee amount for your order will vary depending on the number of pages associated with each filed document you request. You may supply us with a check with a NOT TO EXCEED instruction to cover the costs. Make the check payable to the Treasurer, State of New Jersey. Alternately, you may pay by credit card (provide card#/expiration date and cardholder information) or depository account. Please include a self-addressed envelope with your order. If you have any questions or would like information on alternative service options such as over-the-counter expedited service, call 609-292-9292 (option 3 on the main menu and then option 8), weekdays, 8:30 a.m. to 4:30 p.m.

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